STR-DE915/TA-V909/VE910

SERVICE MANUAL

Ver 1.2 2003. 07



US Model Canadian Model STR-DE915

> AEP Model UK Model E Model

Australian Model

Chinese Model

PX Model STR-DE915

Dolby Laboratories Licensing Corporation. "DOLBY" the double-D symbol DD "AC-3" and "PRO LOGIC" are trademarks of Dolby Laboratories Licensing Corporation.

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION

With 8-ohm load, both channels driven, from 20 - 20,000 Hz, rated 100 watts per channel, minimum RMS power, with no more than 0.09% total harmonic distortion from 250 milliwatts to rated output (USA model only).

Amplifier section POWER OUTPUT

Stereo mode

(8 ohms 20 Hz - 20 kHz, THD 0.09%)

100 W + 100 W

Surround mode (8 ohms at 1 kHz, THD $\,$

0.8%)
Front: 100 W/ch
Center*: 100W
Rear*: 100 W/ch

* Depending on the sound field settings and the source, sound will not be output.

Sony Corporation

2003G16-1 © 2003.07

9-920-940-13

Home Audio Company
Published by Sony Engineering Corporation

SPECIFICATIONS

Dynamic power output

155 W + 155 W, 8 ohms 220 W + 220 W, 4 ohms

Harmonic distortion at rated output

Less than 0.09% (with DIRECT PASS on)

Frequency response

PHONO: RIAA
equalization curve
±0.5 dB
CD, TAPE, DAT/MD,
VIDEO 1, 2,:
10 Hz - 50 kHz - 0.5 dB (with
DIRECT PASS on)

	Sensitivity	Impedance	S/N (weighting network, input level)
PHONO	2.5 mV	50 kilohms	75 dB* (A, 2.5 mV)
CD, TAPE, DA TUNER, VIDEO 1, 2, 3 LD/DVD, TV/DBS	•	50 kilohms	82 dB* (A, 150 mV)
LD/DVD AC-3 RF		75 Ω	100 dB (A, 20 kHz, LPF)
LD/DVD, CD, DAT/MD OPTICAL	_	_	100 dB (A, 20 kHz, LPF)

Inputs

— Continued on next page —

* '78 IHF

STR-DE915
FM STEREO/FM-AM RECEIVER
TA-V909/VE910
INTEGRATED AV AMPLIFIER



Outputs VIDEO 1, 2 AUDIO OUT:

Voltage: 150 mV, Impedance: 10 kilohms

WOOFER: Voltage: 2 V

Impedance: 1 kilohms

PHONES:

Accepts low and high impedance headphones

BASS BOOST +6 dB at 50 Hz

Digital signal processor section Modulation (A/D conversion)

> High Density Linear Converter

Demodulation (D/A conversion)

High Density Linear Converter (Advanced pulse D/A converter)

Sampling frequency

48 kHz

Surround LFE MIX:

MUTE, -20 - 0 dB, 0.5 dB

step

D. RANGE COMP: OFF, 0.1 - 0.9, STD, MAX

REAR level:

-20 - +10 dB, 0.5 dB step

CENTER level:

-20 - +10 dB, 0.5 dB step SUB WOOFER level: -20 - +10 dB, 0.5 dB step EFFECT:

21-step adjustable

WALL:

17-step adjustable SEAT F/R:

17-step adjustable

SEAT L/R:

17-step adjustable REBERB time: 17-step adjustable Depending on the sound field, some parameters may not be adjustable

Equalizer BAND: BASS/TREBLE

Turnover frequency:
Bass: 99 Hz - 992 Hz
Treble: 1.0 kHz - 8.6 kHz
Level: ±10 dB, 0.5 dB step

FM tuner section (STR-DE915)

Tuning range 87.5 - 108.0 MHz

Antenna terminals

75 ohms, unbalanced

Sensitivity Mono: 18.3 dBf, $4.5 \mu\text{V}$

Stereo: 38.3 dBf, 45 μV

Usable sensitivity

11.2 dBf, 2 μV (IHF)

S/N

Mono: 76 dB Stereo: 70 dB

Harmonic distortion at 1 kHz

Mono: 0.3% Stereo: 0.5%

Separation 45 dB at 1 kHz

Frequency response

30 Hz - 15 kHz +0.5 dB

Selectivity 60 dB at 400 kHz

AM tuner section (STR-DE915)

Tuning range With 10 kHz interval:

530 - 1710 kHz (US, PX and Canadian model only**) 530 - 1610 kHz (models for all other countries except

for Australia) With 9 kHz interval:

531 - 1710 kHz (US, PX and Canadian model only) 531 - 1602 kHz (Australian model and models for all other countries**)

Antenna Loop antenna

Usable sensitivity

50 dB/m (at 1,000 kHz or

999 kHz)

S/N 54 dB (at 50 mV/m)

Harmonic distortion

the procedure.

0.5 % (50 mV/m, 400 kHz)

Selectivity At 9 kHz: 35 dB

At 10 kHz: 40 dB

** You can change the AM tuning interval to 9 kHz (US, PX and Canadian model only) or to 10 kHz (models for all other countries except for Australia). After tuning in any AM station, turn off the receiver. Hold down the PRESET TUNING + button and press the POWER button. All preset stations will be erased when you change the interval. To reset the interval to 10 kHz (or 9 kHz), repeat

Video section

Inputs 1 Vp-p 75 ohms

Outputs

1 Vp-p 75 ohms

General

System Tuner section:(STR-DE915)

PLL quartz-locked digital synthesizer system Preamplifier section: Low-noise NF type equalizer

Power amplifier section: Pure-complementary SEPP

Power requirements

US and Canadian models: 120 V AC, 60 Hz Australian model: 240 V AC, 50 Hz E, PX models: 120/240/220 V AC selectable, 50/60 Hz AEP, UK, German, East European, North European models:

North European models: 230 V AC, 50 / 60 Hz Singapore, Chinese, Malaysia models:

220 - 230 V AC, 50 /60 Hz

Power consumption

Canadian model: 480 VA Other models: 290 W

AC outlets US Ca

US, Canadian, PX, Chinese models:

2 switched, total

120 W Other models:

1 switched, maximum

100 W

 $\textbf{Dimensions} \qquad 430 \times 155 \times 350 \text{ mm}$

 $(17 \times 6^{1}/8 \times 13^{7}/8 \text{ inches})$ including projecting parts

and controls

Mass (Approx.)

STR-DE915: 11.2 kg (24 lb 10oz) TA-V909/VE910: 9.8 kg

(21 Ib 9oz)

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

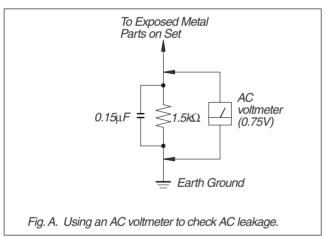


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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

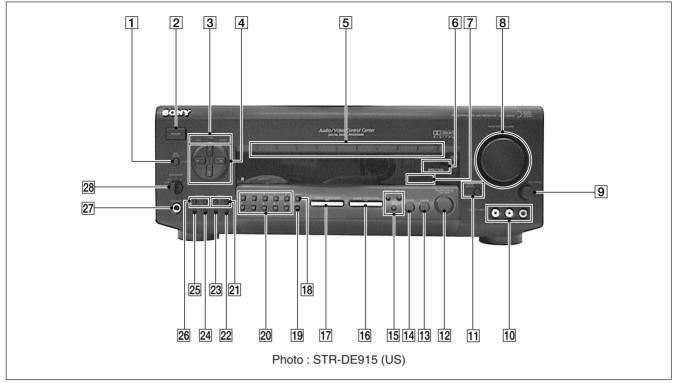
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE \(\triangle \) SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.

SECTION 1 GENERAL

LOCATION AND FUNCTION OF CONTROLS

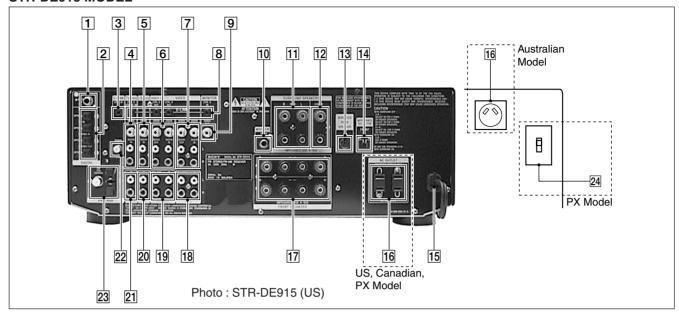
[FRONT PANEL]



- 1 DPC MODE button
- 2 POWER switch
- 3 SUR, TONE, INDEX indicators
- 4 Digital processing control buttons
- 5 Function indicators
- 6 DIRECT PASS indicator
- 7 DISCRETE indicator
- 8 MASTER VOLUME control
- 9 BALANCE control
- 10 VIDEO 3 INPUT jack
- 11 BASS BOOST button/indicator
- 12 SOUND FIELD ON/OFF button
- 13 MODE button
- 14 GENRE button
- 15 DIRECT PASS, SET UP, INPUT MODE buttons

- 16 AUDIO FUNCTION buttons
- 17 VIDEO FUNCTION buttons
- 18 DIRECT button (STR-DE915)
- 19 SHIFT button (STR-DE915)
- Numeric buttons (STR-DE915)
- 21 PRESET TUNING +, buttons (STR-DE915)
- 22 MEMORY button (STR-DE915)
- 23 DISPLAY button
- 24 FM/AM button (STR-DE915)
- 24 DIMMER button (TA-V909/VE910)
- 25 FM MODE button (STR-DE915)
- 26 TUNING +, buttons (STR-DE915)
- 27 PHONES jack
- 28 SPEAKERS switch

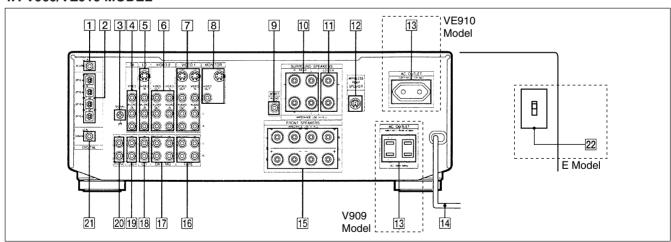
[REAR PANEL] STR-DE915 MODEL



- LD/DVD IN AC-3 RF 1
- 2 LD/DVD IN/CD/IN/DAT/MD IN/OUT OPTICAL
- 3 S-LINK CTRL A1 (US, Canadian model)
- 4 TV/DBS (US, Canadian model)
- 5 LD/DVS (US, Canadian model)
- 5 LD (PX, Australian model)
- 6 VIDEO 2 (US, Canadian model)
- 7 VIDEO 1
- 8 CTRL S (US, Canadian model)
- 9 **MONITOR**
- 10 WOOFER
- 11 SURROUND SPEAKERS (REAR)
- 12 SURROUND SPEAKERS (CENTER)

- WIRELESS REAR SPEAKER 13
- 14 IMPEDANCE SELECTOR
- 15 AC power cord
- 16 AC OUTLET (Outlet shape and position varies according to destination)
- 17 FRONT SPEAKERS (A/B)
- 18 **TAPE**
- 19 DAT/MD
- 20 CD
- 21 **PHONO**
- 22 ₼ SIGNALGND
- 23 ANTENNA (AM/FM)
- 24 **VOLTAGE SELECTOR (PX model)**

TA-V909/VE910 MODEL

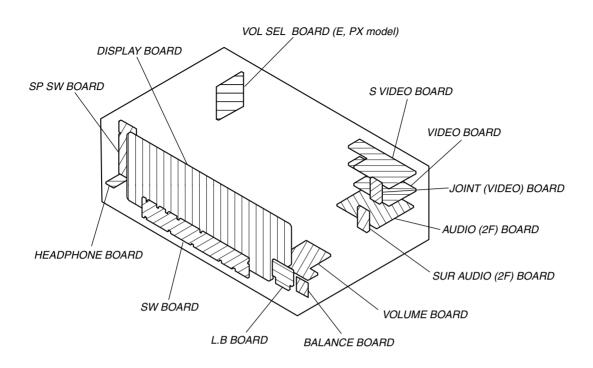


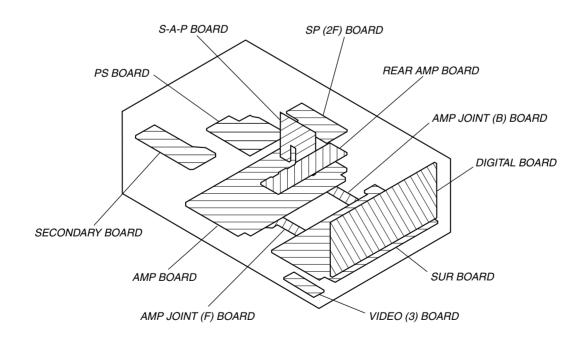
- DVD/LD IN AC-3 RF 1
- 2 DVD/LD IN/CD IN/DAT/MD IN/OUT OPTICAL
- 3 ₼ SIGNALGND
- 4 TV
- 5 LD/DVD
- 6 VIDEO 2
- 7 VIDEO 1
- 8 **MONITOR**
- 9 **WOOFER**
- 10 SURROUND SPEAKERS (REAR)
- 11 SURROUND SPEAKERS (CENTER)

- WIRELESS REAR SPEAKER 12
- 13 AC OUTLET
- 14 AC power cord
- 15 FRONT SPEAKERS (A/B)
- 16 **TAPE**
- 17 DAT/MD
- 18
 - CD
- 19 **TUNER**
- 20 **PHONO**
- 21 DVD/LD IN COAXIAL 22 VOLTAGE SELECTOR (E model)
 - *: DVD (STR-DE915/TA-V909 Model)

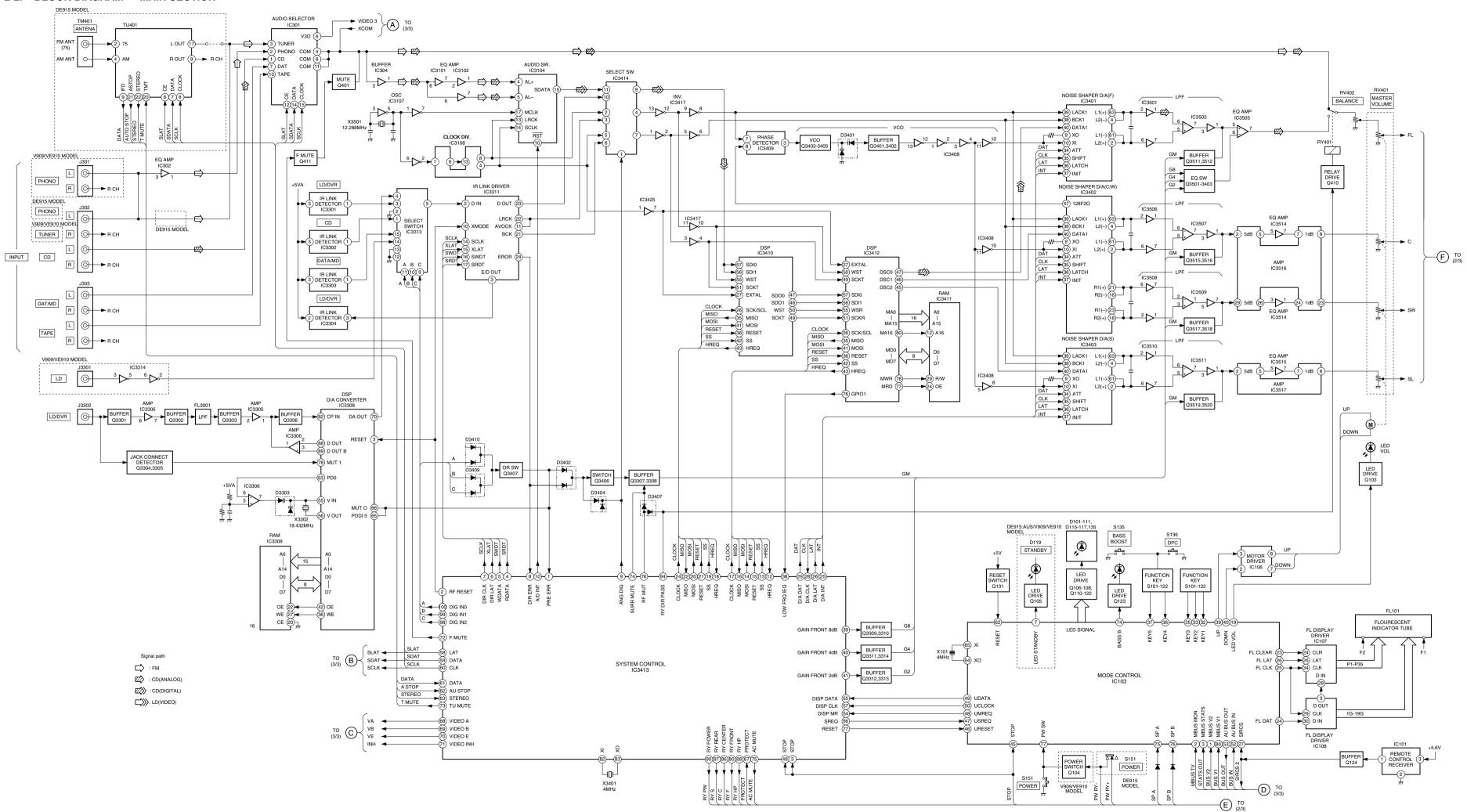
SECTION 2 DIAGRAMS

2-1. CIRCUIT BOARDS LOCATION

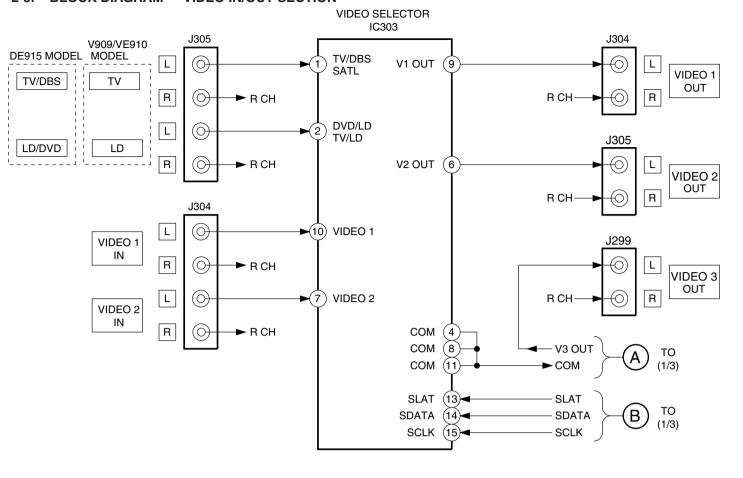


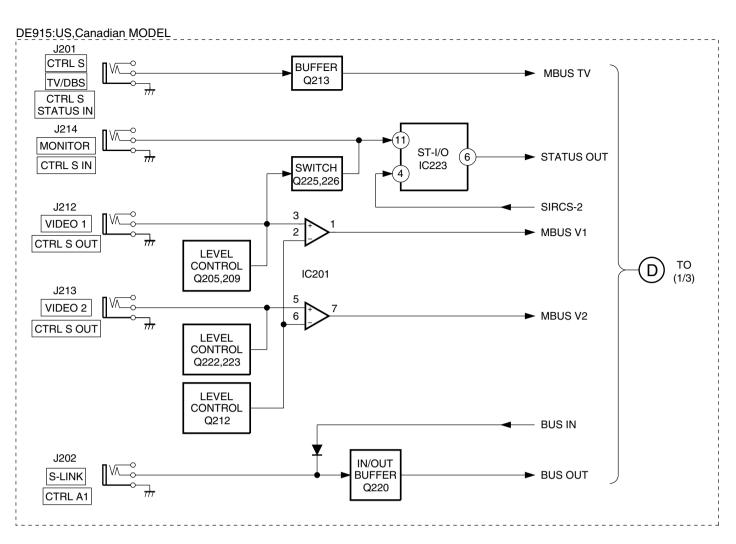


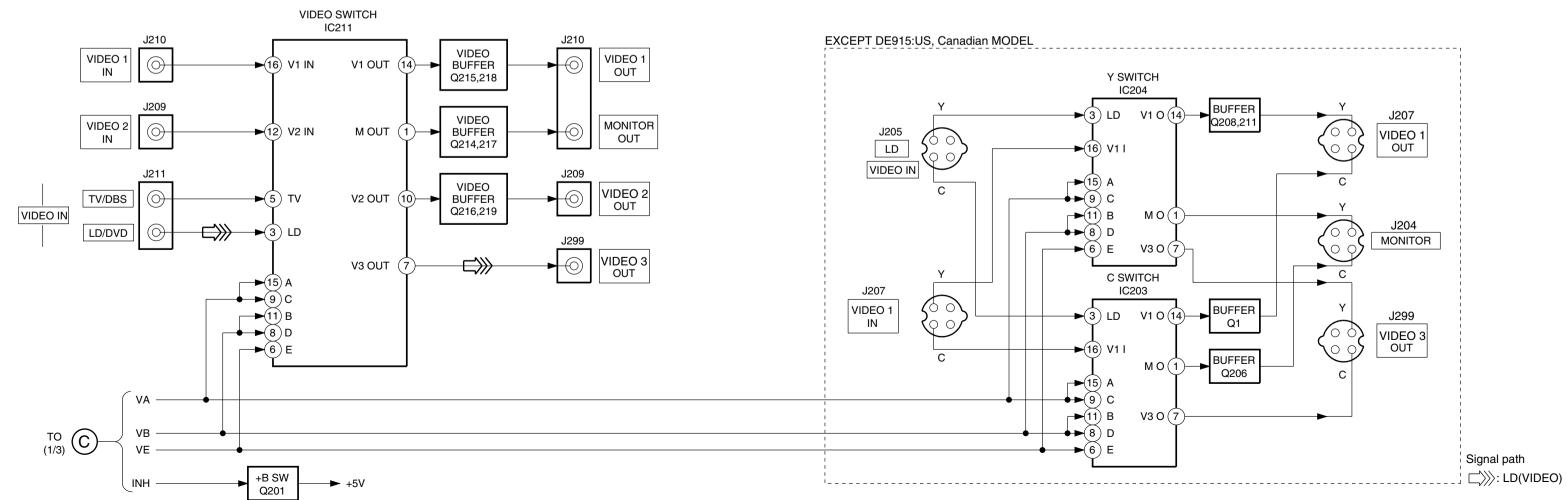
2-2. BLOCK DIAGRAM — MAIN SECTION —



2-3. BLOCK DIAGRAM — VIDEO IN/OUT SECTION —

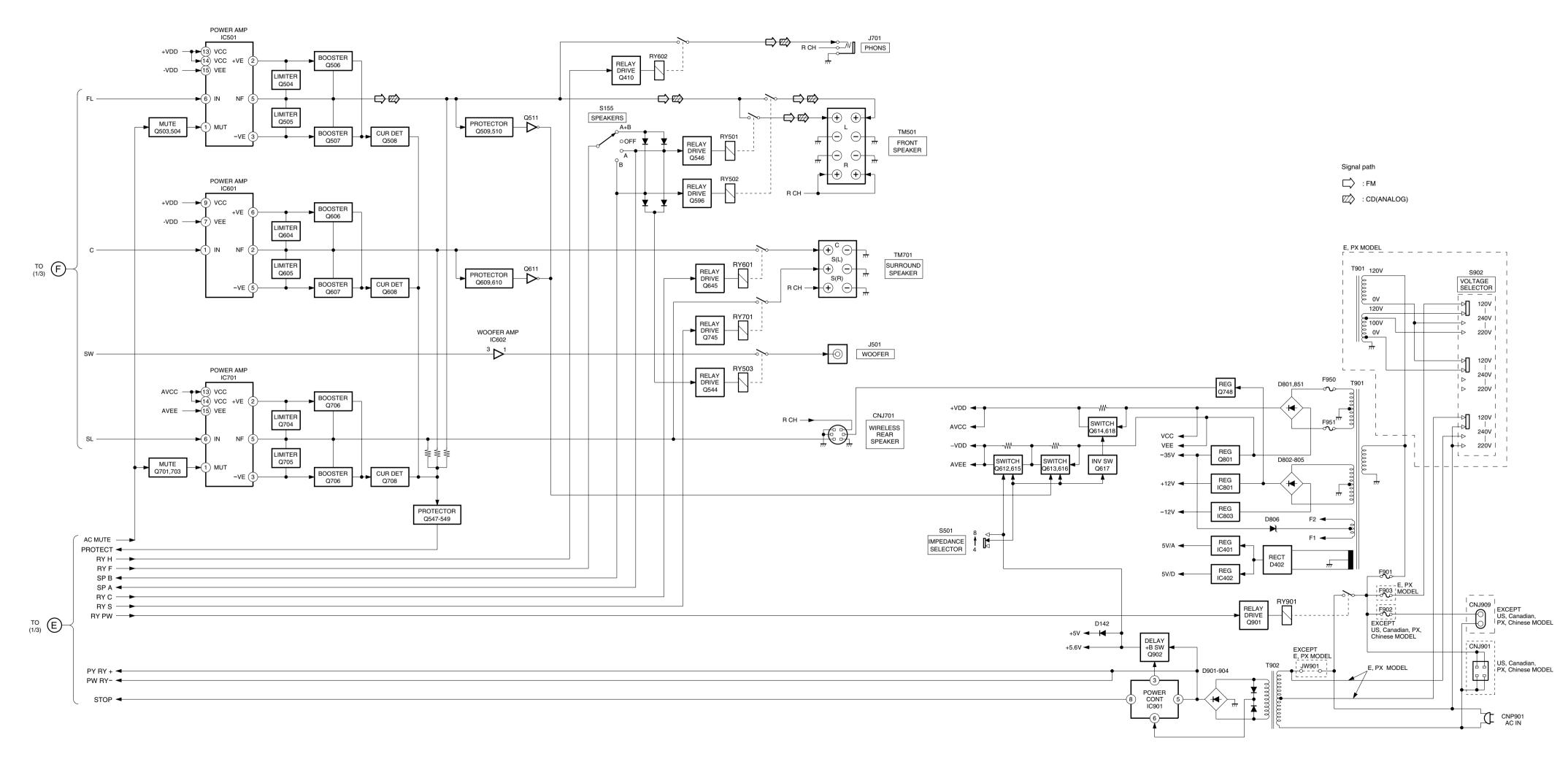




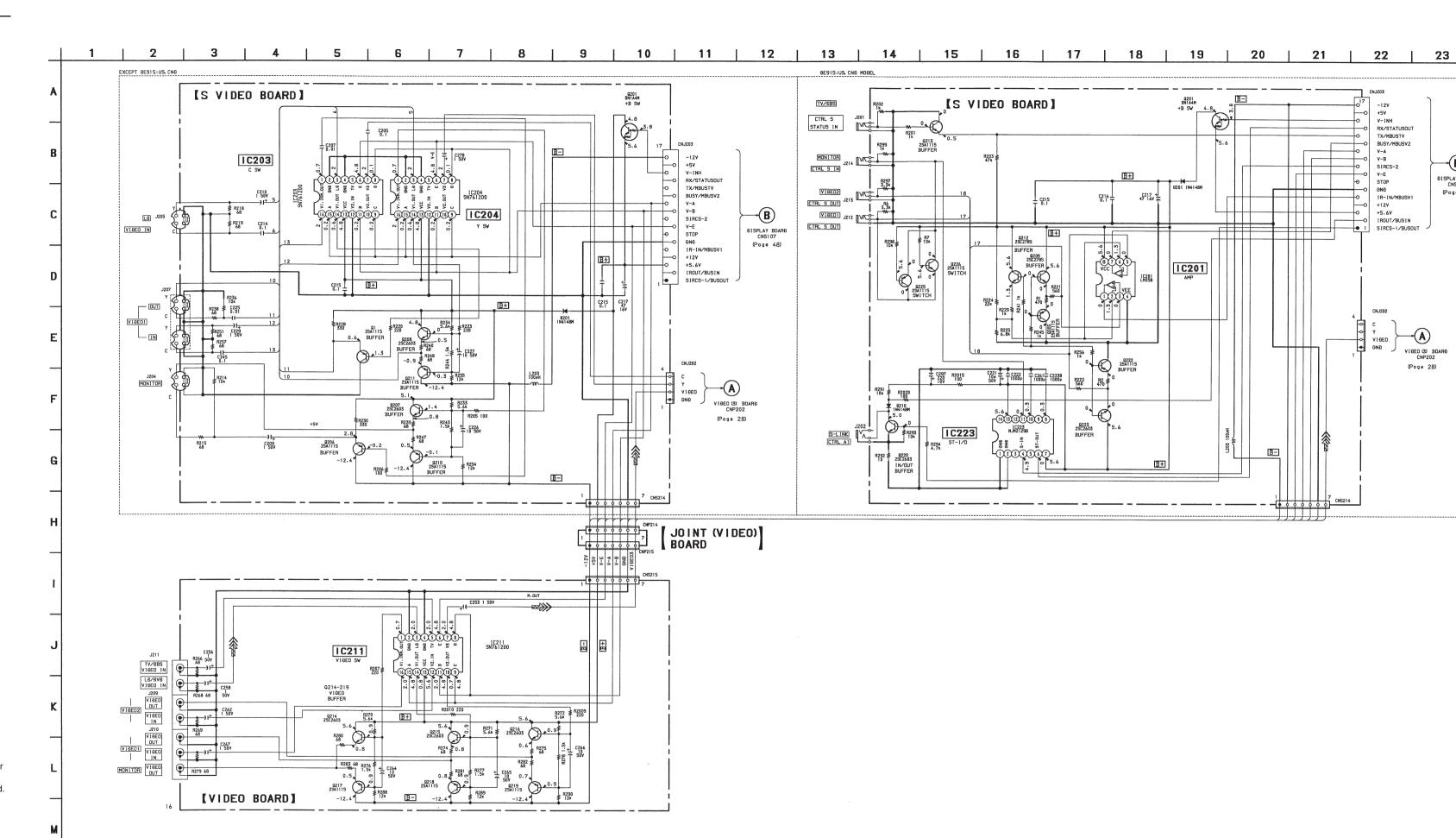


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— 12 —



2-5. SCHEMATIC DIAGRAM — VIDEO SECTION —



Note:

- All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
- ullet All resistors are in Ω and 1/4W or less unless otherwise specified.
- _____: panel designation.
- B+ : B+ Line. • B- : B- Line.
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10M Ω /V).
- Signal path : LD (VIDEO)
- Abbreviation
- CND : Canadian

-12V +5V V-INH RX/STATUSOUT TX/MBUSTV BUSY/MBUSY2

V-B SIRCS-2

V-E STOP GNO IR-IN/MBUSV1 +12V +5.6V

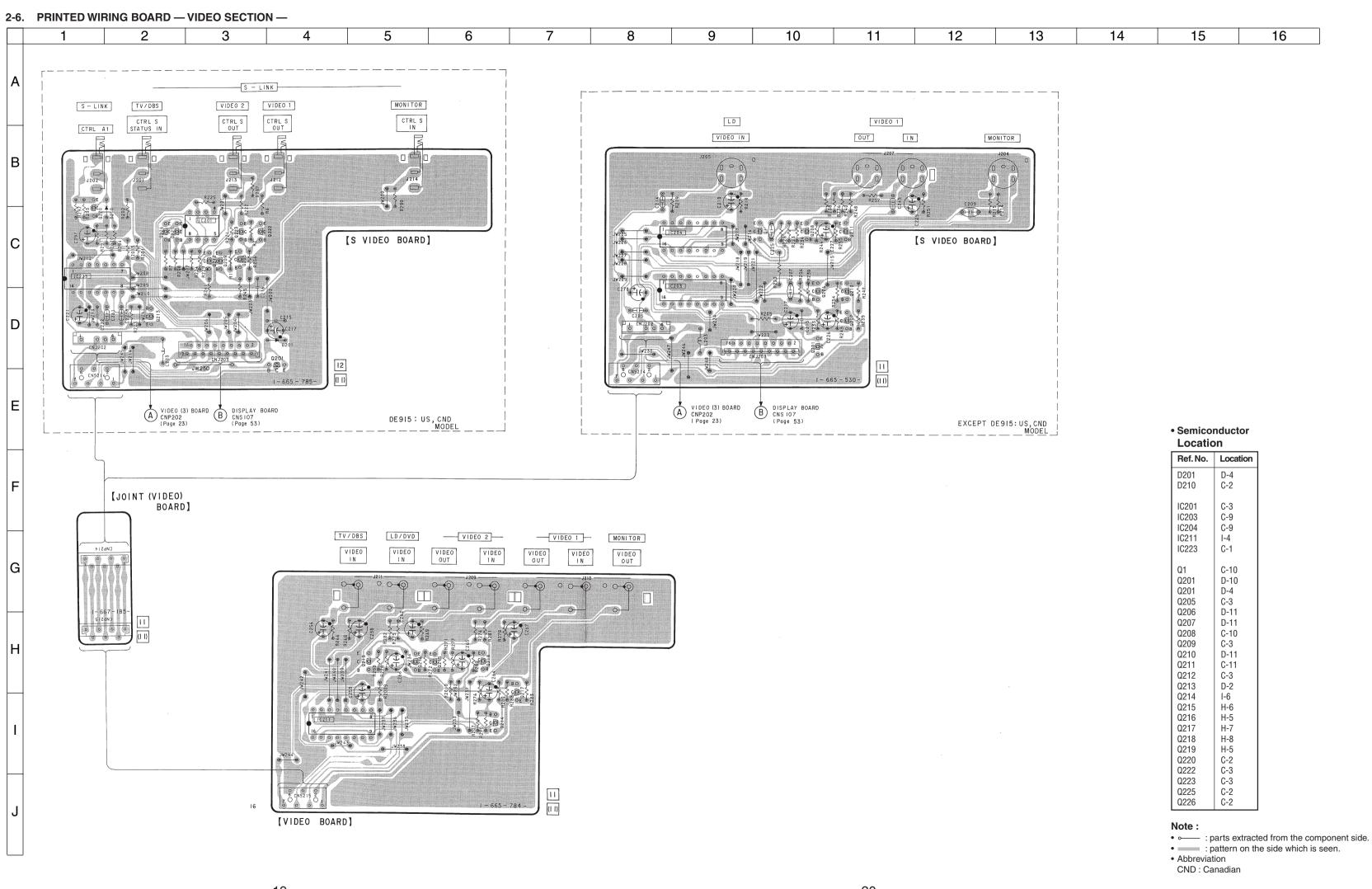
SIRCS-1/BUSOUT

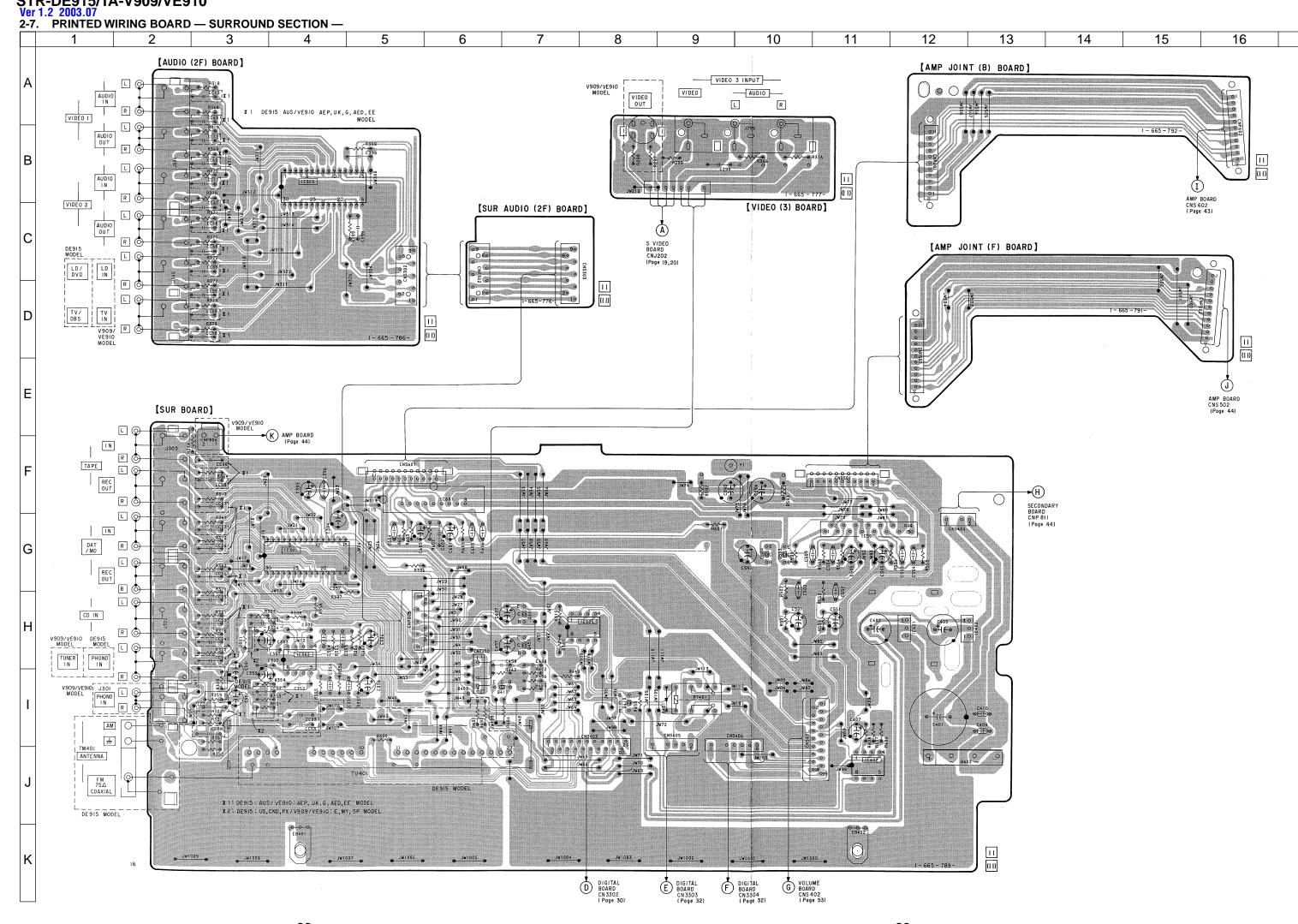
VIĐEO (3) BOARĐ CNP202 (Page 28)

-B

ĐISPLAY BOARĐ CNS107

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• Semiconductor Location

17

18

19

Ref. No.	Location
D401	I-9
D402	J-13
D403	I-6
IC301	G-4
IC302	H-4
IC303	B-4
IC304	H-8
IC401	H-12
IC402	H-13
IC501	G-11
IC601	F-6
IC602	J-11
Q401	H-7
Q410	I-8
Q411	I-7
Q451	H-7
Q503	G-10
Q504	G-10

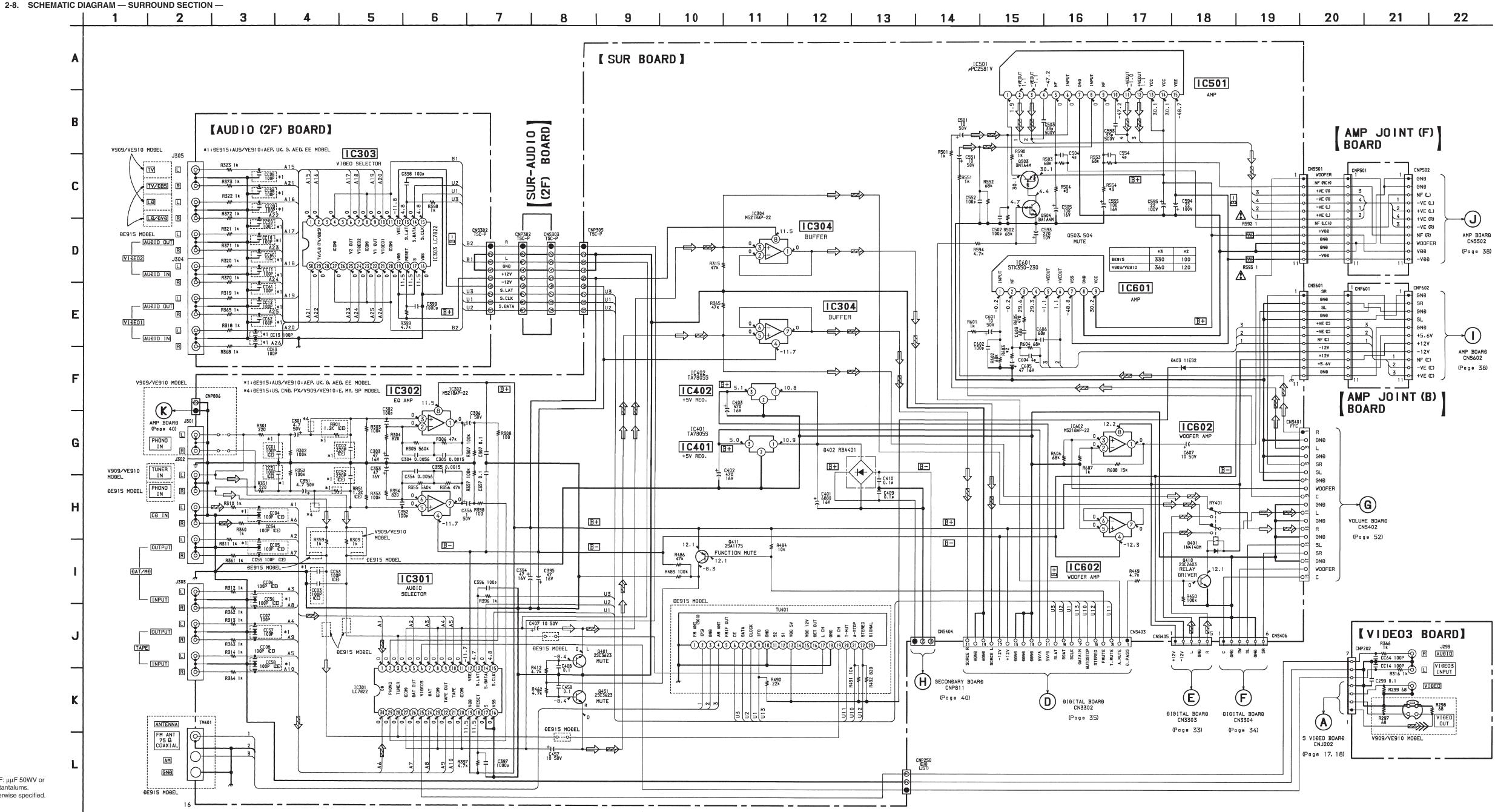
Note:

• • career : parts extracted from the component side. • ____ : pattern on the side which is seen.

Abbreviation

CND: Canadian

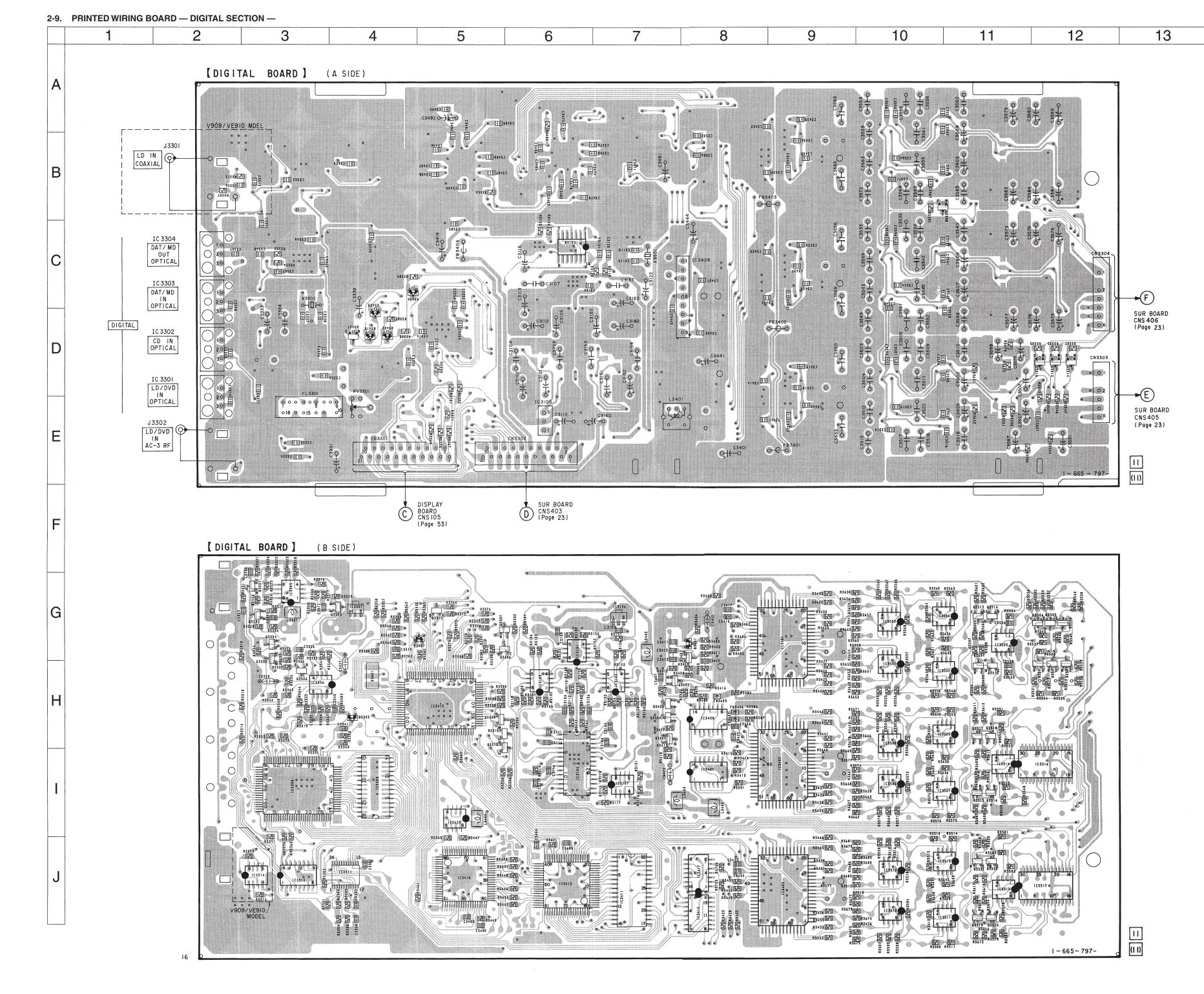
CH: Chinese AED : North European EE : East European SP : Singapore MY : Malaysia



Note:

- All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50WV or
- less are not indicated except for electrolytics and tantalums. • All resistors are in Ω and 1/4W or less unless otherwise specified.
- Two flammable resistor. • panel designation.
- B+ : B+ Line.
- B- : B- Line.
- Voltage is measured with respect to ground under no-signal conditions.
- Voltages are reference value measured by a VOM (10M Ω /V).
- Signal path ⇒: FM : CD (ANALOG) : LD (VIDEO)
- Abbreviation
- CND : Canadian AUS : Australian CH : Chinese G : German AED : North European EE : East European

MY : Malaysia SP : Singapore



• • — : parts extracted from the component side.
• — : pattern on the side which is seen.

Semiconductor Location

IC3511 IC3512 IC3513 IC3514 IC3515 IC3516

IC3517

Q3301 Q3302 Q3303 Q3304 Q3305

Q3306 Q3307 Q3308

Q3309 Q3310

Q3311 Q3312 Q3313

Q3314 Q3315 Q3401 Q3402 Q3403

Q3404 Q3405 Q3406 Q3407 Q3501 Q3502 Q3503 Q3504 Q3505 Q3506 Q3511 Q3512 Q3513 Q3514 Q3515 Q3516 Q3517 Q3518 Q3519 Q3520 Q3521 Q3522

H-7 H-7 G-6 D-4 H-12 H-12 G-12 G-12 G-11 H-11 I-11 H-11 J-11 J-11 J-11 J-11

I-12

J-12

G-3

B-11

D3303 D3401 D3402 D3404 D3407 D3409 D3410

① IC3107 ③ 12.288MHz ② IC3108 ④ 3.072MHz 3 IC3108 ® 4 IC3308 ® VOUT 5.8Vp-p **5** IC3408 ⁽³⁾ 49.152MHz 6 IC3413 @ X IN

• All capacitors are in μF unless otherwise noted. pF: μμF 50WV or • Voltage is measured with respect to ground under no-signal

• All resistors are in Ω and 1/4W or less unless otherwise specified. • Voltages are reference value measured by a VOM (10M Ω /V).

⇒: FM ⇒: CD (ANALOG) ⇒: CD (DIGITAL)

less are not indicated except for electrolytics and tantalums.

• _____ : panel designation.

• B+ : B+ Line.

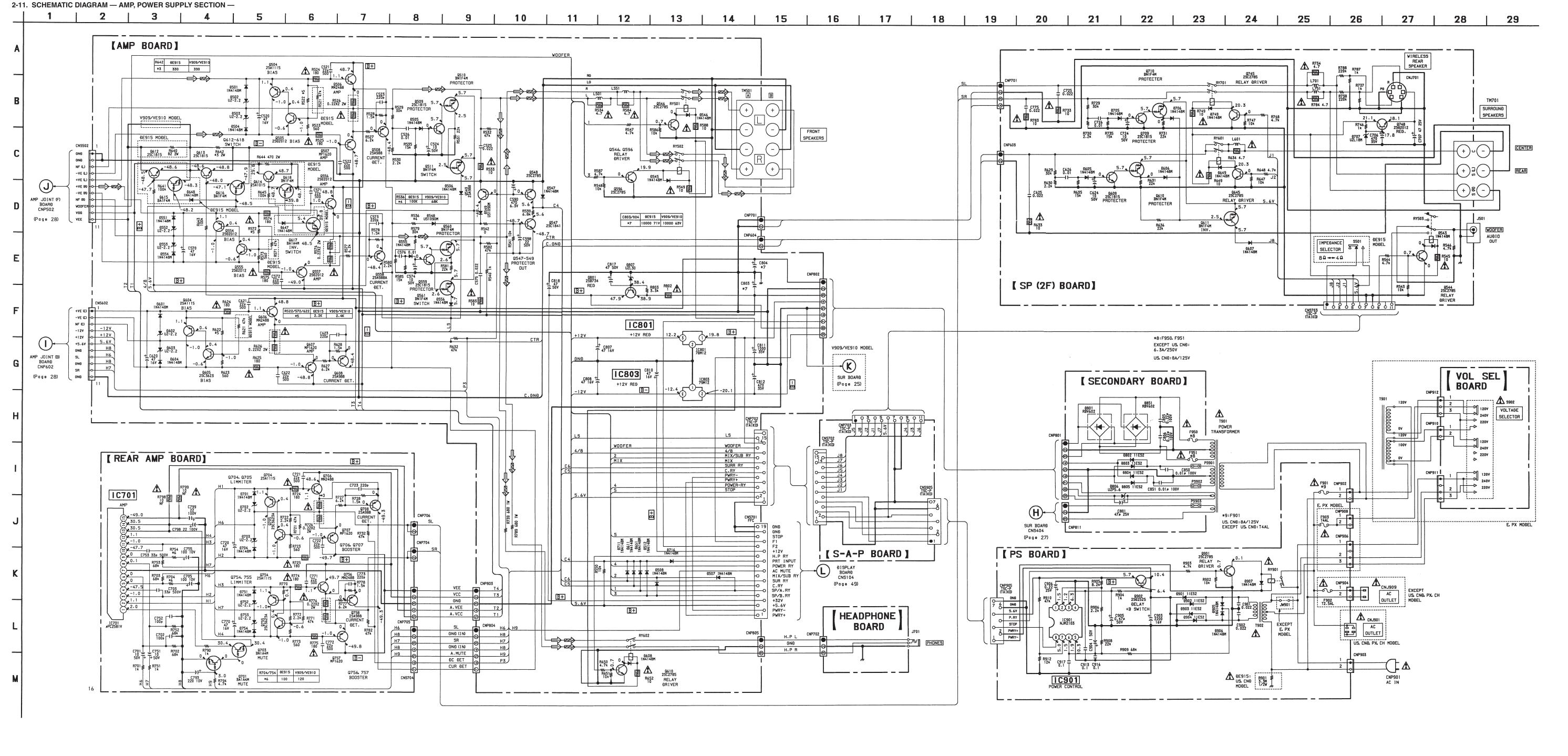
• B- : B- Line.

NY-E
RY-5
RY-F
RY-F
RY-H
PROTECTO
RY-PW
AC MUTE
RY-PW
AC MUTE
USSO
U+SV G. 6
URST
USSO
URST
USSO
URST
USSO
URST
USSO
URST

O DISPLAY BOARD CNS105

9900CE 9000 1200 1200 1200 9000

SUR BOARD CNS403



- All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified. • _____: non flammable resistor.
- panel designation.

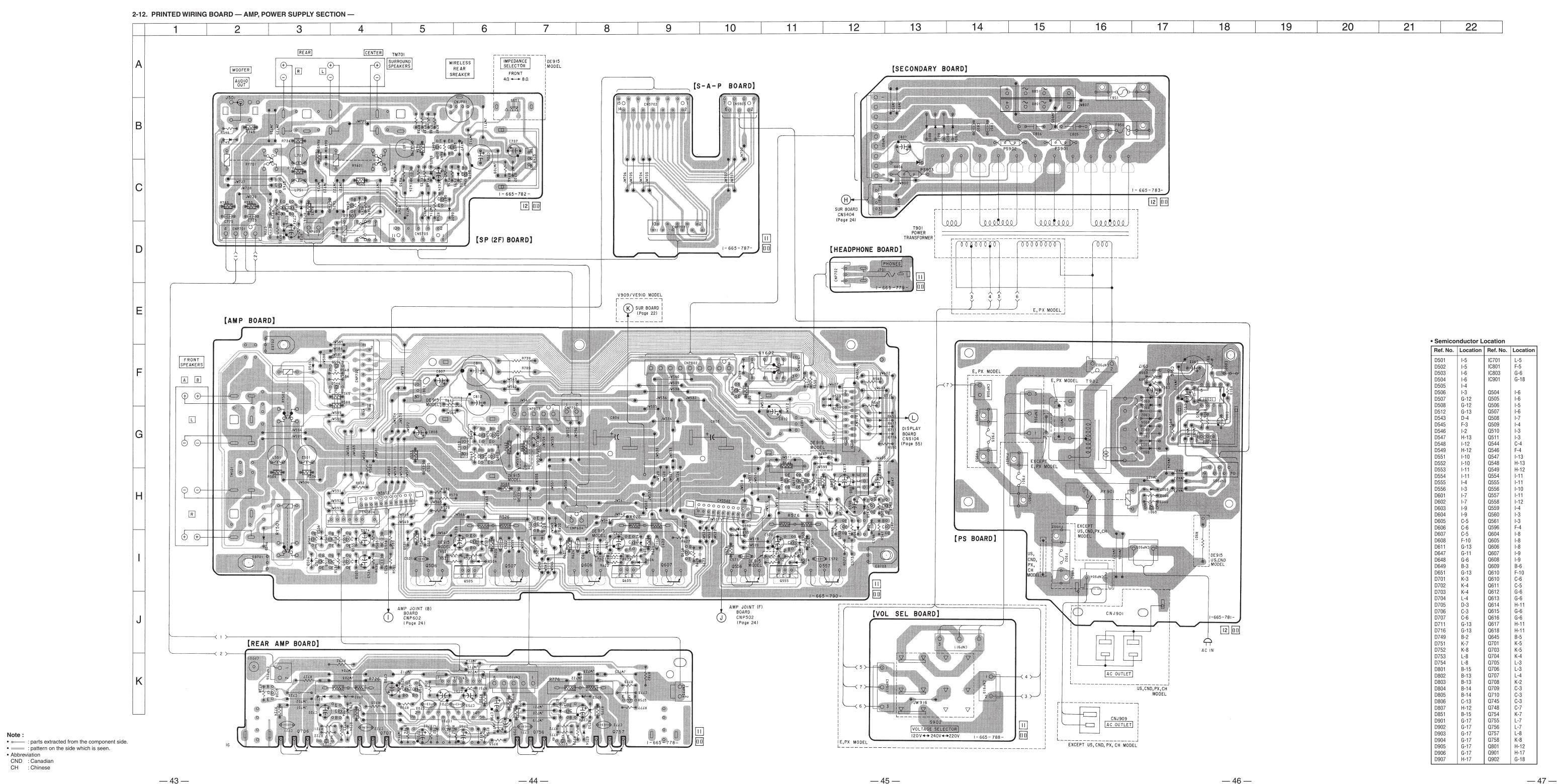
specified.

- B+ : B+ Line.
- B- : B- Line. The components identified by Les composants identifiés par mark \triangle or dotted line with mark une marque \triangle sont critiques Replace only with part number Ne les remplacer que par une
- Voltage is measured with respect to ground under no-signal

pièce portant le numéro spécifié.

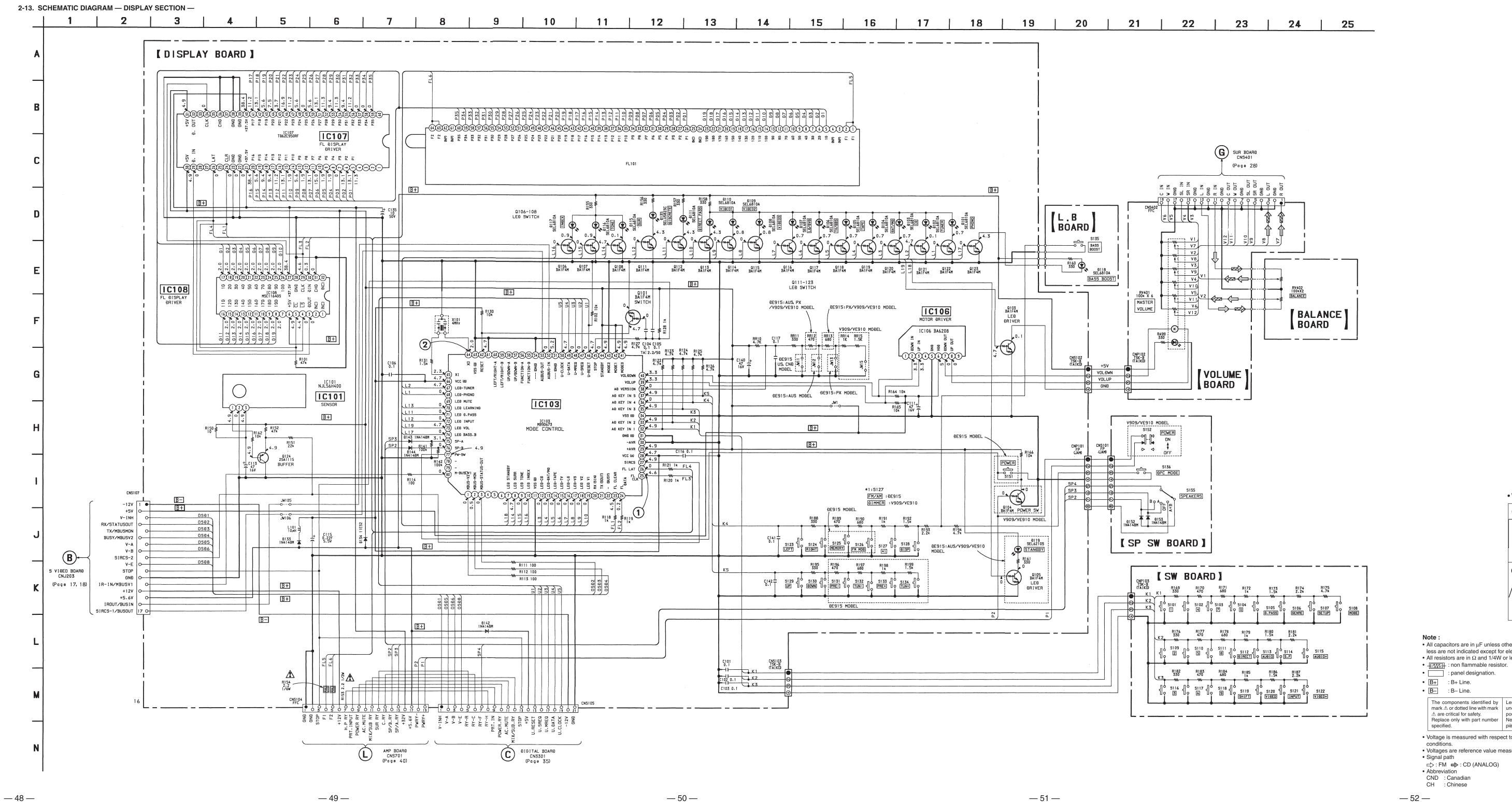
- conditions. • Voltages are reference value measured by a VOM (10MΩ/V). Signal path
- ⇒ : FM ⇒ : CD (ANALOG)
- Abbreviation
- CND : Canadian CH: Chinese

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CND : Canadian CH : Chinese

Abbreviation



⇒: FM 🖒 : CD (ANALOG) Abbreviation CND : Canadian

• _____ : panel designation.

• B+ : B+ Line.

• B- : B- Line.

conditions.

Signal path

CH : Chinese

Waveforms

1 IC103 @ FLCL

② IC103 @ DX

pièce portant le numéro spécifié.

• All capacitors are in μF unless otherwise noted. pF: $\mu \mu F$ 50WV or less are not indicated except for electrolytics and tantalums. • All resistors are in Ω and 1/4W or less unless otherwise specified.

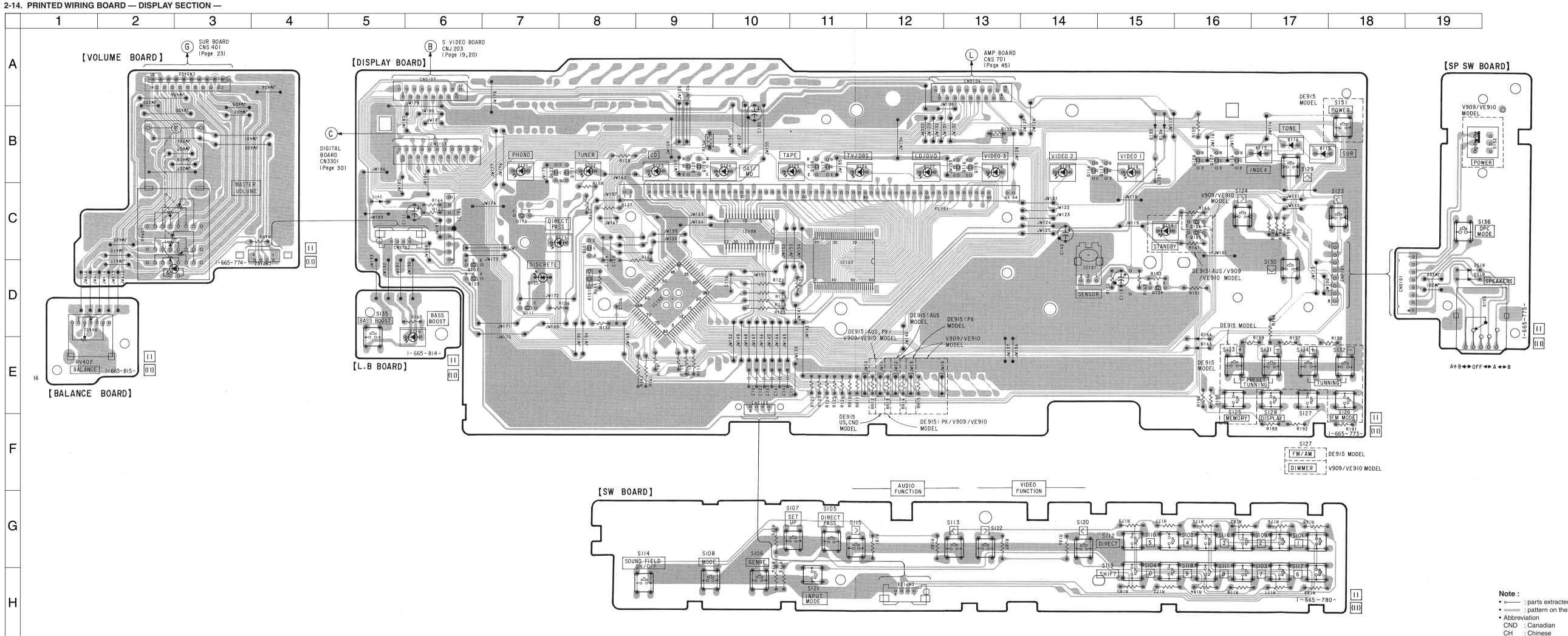
The components identified by Les composants identifiés par mark ∆ or dotted line with mark defended in the with mark defended in Replace only with part number Ne les remplacer que par une

Voltage is measured with respect to ground under no-signal

• Voltages are reference value measured by a VOM (10M Ω /V).

— 52 —

— 49 —



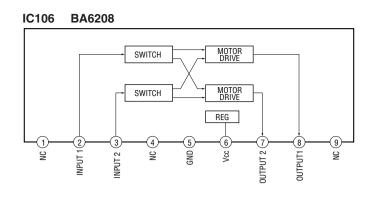
— 55 —

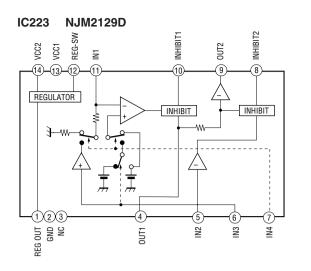
Ref. No. Location B-8 B-9 B-10 D102 D103 D104 D105 D106 D107 D108 D109 D110 D111 D115 D116 D117 D118 D118 D133 D134 D135 D142 D143 D144 D152 D153 B-11 B-11 B-12 B-12 B-13 B-14 B-15 C-8 B-18 B-17 E-6 C-15 B-15 B-15 D-7 C-5 E-16 E-16 D-19 IC101 IC103 IC106 IC107 IC108 D-14 D-9 C-6 D-11 C-10 C-8 Q101 Q103 Q104 Q105 Q106 Q107 Q108 Q111 Q112 Q113 Q114 Q115 Q116 Q117 Q118 Q119 Q120 Q121 Q122 Q123 Q124 D-6 C-16 B-16 B-16 B-16 D-7 C-7 B-15 B-13 B-11 B-11 B-9 B-9 B-8 B-7 D-6 D-15

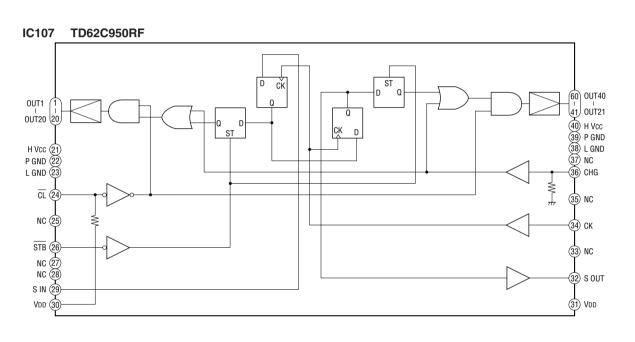
- • : parts extracted from the component side.
 - ____ : pattern on the side which is seen.

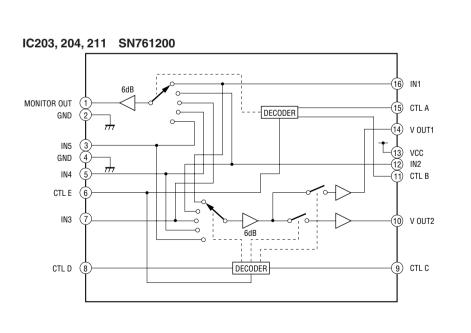
— 53 —

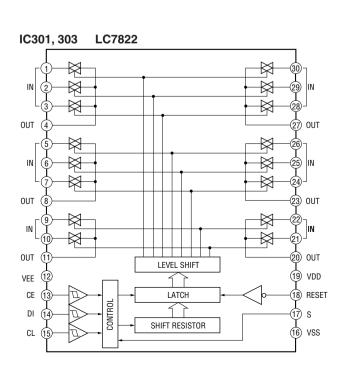
2-15. IC BLOCK DIAGRAMS

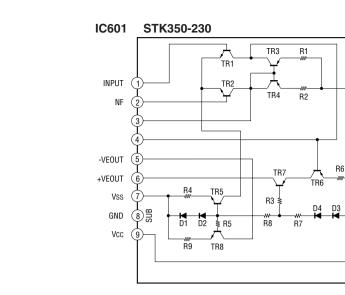


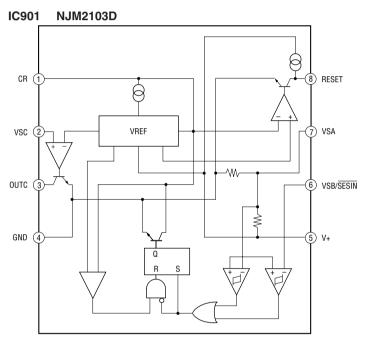


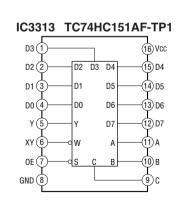


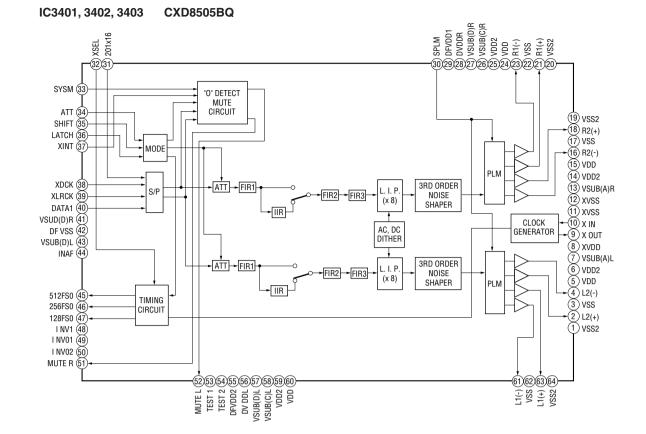


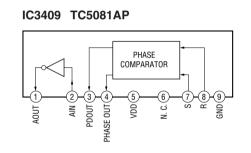


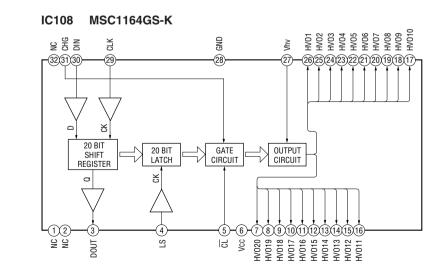


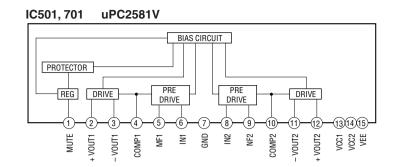


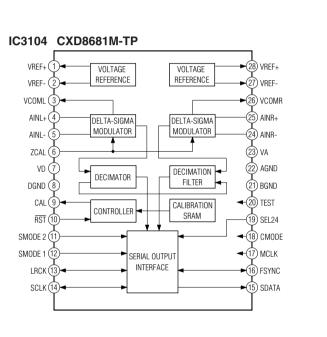












2-16. IC PIN FUNCTION

• IC103 MB90673PF-G-206-BND (MODE CONTROL)

MBUS-V2	
3	
N.C.	
5 N.C. — Not used. 6 N.C. — Not used. 7 LED-STBY O LED output (STANDBY). 8 LED-SURR O LED output (DPC: SUR). 9 LED-TONE O LED output (DPC: EQ). 10 LED-INDEX O LED output (DPC: INDEX). 11 Vss — Ground. 12 LED-CD O LED output (CD). 13 LED-DAT/MC O LED output (DAT/MD). 14 LED-TAPE O LED output (TAPE). 15 LED-TV O LED output (TV). 16 LED-LD O LED output (UD). 17 LED-V3 O LED output (VDEO3). 18 LED-V2 O LED output (VDEO2). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL c	
6 N.C. — Not used. 7 LED-STBY O LED output (STANDBY). 8 LED-SURR O LED output (DPC: SUR). 9 LED-TONE O LED output (DPC: EQ). 10 LED-INDEX O LED output (DPC: INDEX). 11 Vss — Ground. 12 LED-CD O LED output (CD). 13 LED-DAT/MC O LED output (DAT/MD). 14 LED-TAPE O LED output (TAPE). 15 LED-TV O LED output (TV). 16 LED-LD O LED output (VIDEO3). 18 LED-V3 O LED output (VIDEO3). 18 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27	
7 LED-STBY O LED output (STANDBY). 8 LED-SURR O LED output (DPC: SUR). 9 LED-TONE O LED output (DPC: INDEX). 10 LED-INDEX O LED output (DPC: INDEX). 11 Vss — Ground. 12 LED-CD O LED output (CD). 13 LED-AT/MC O LED output (DAT/MD). 14 LED-TAPE O LED output (TAPE). 15 LED-TV O LED output (TV). 16 LED-LD O LED output (VIDEO3). 18 LED-V3 O LED output (VIDEO3). 18 LED-V1 O LED output (VIDEO2). 19 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O <	
8 LED-SURR O LED output (DPC: SUR). 9 LED-TONE O LED output (DPC: EQ). 10 LED-INDEX O LED output (DPC: INDEX). 11 Vss — Ground. 12 LED-CD O LED output (CD). 13 LED-DAT/MC O LED output (DAT/MD). 14 LED-TAPE O LED output (TAPE). 15 LED-TV O LED output (TV). 16 LED-LD O LED output (LD). 17 LED-V3 O LED output (VIDEO3). 18 LED-V2 O LED output (VIDEO2). 19 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK <td></td>	
9 LED-TONE 0 LED output (DPC: EQ). 10 LED-INDEX 0 LED output (DPC: INDEX). 11 Vss — Ground. 12 LED-CD 0 LED output (CD). 13 LED-DAT/MC 0 LED output (DAT/MD). 14 LED-TAPE 0 LED output (TAPE). 15 LED-TV 0 LED output (TV). 16 LED-LD 0 LED output (VIDEO). 17 LED-V3 0 LED output (VIDEO3). 18 LED-V2 0 LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 21 TX — Not used. 23 FLCLR 0 FL clear output (FL tube). 24 FLDAT 0 FL data output (FL tube). 25 FLCLK 0 FL clock output (FL tube). 26 FLLAT 0 FL latch output (FL tube). 27 S	
10	
11	
12	
13 LED-DAT/MC O LED output (DAT/MD). 14 LED-TAPE O LED output (TAPE). 15 LED-TV O LED output (TV). 16 LED-LD O LED output (LD). 17 LED-V3 O LED output (VIDEO3). 18 LED-V2 O LED output (VIDEO2). 19 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
14 LED-TAPE O LED output (TAPE). 15 LED-TV O LED output (TV). 16 LED-LD O LED output (LD). 17 LED-V3 O LED output (VIDEO3). 18 LED-V2 O LED output (VIDEO2). 19 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
15	
16 LED-LD O LED output (LD). 17 LED-V3 O LED output (VIDEO3). 18 LED-V2 O LED output (VIDEO2). 19 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
17 LED-V3 O LED output (VIDEO3). 18 LED-V2 O LED output (VIDEO2). 19 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
18 LED-V2 O LED output (VIDEO2). 19 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
18 LED-V2 O LED output (VIDEO2). 19 LED-V1 O LED output (VIDEO1). 20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
20 RX — Not used. 21 TX — Not used. 22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
22 BUSY — Not used. 23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
23 FLCLR O FL clear output (FL tube). 24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
24 FLDAT O FL data output (FL tube). 25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
25 FLCLK O FL clock output (FL tube). 26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
26 FLLAT O FL latch output (FL tube). 27 SIRCS I SIRCS remote control signal input.	
27 SIRCS I SIRCS remote control signal input.	
28 AVcc — 5V.(Backup power supply)	
29 AVR + — 5V.	
30 AVR – — Ground.	
31 AVss — Ground.	
32 ADKIN1 I AD KEY input 1 [Open drain]	
33 ADKIN2 I AD KEY input 2 [Open drain]	
34 Vss — Ground.	
35 ADKIN3 I AD KEY input 3 [Open drain].	
36 ADKIN4 I AD KEY input 4 [Open drain].	
37 ADKIN5 I AD KEY input 5 [Open drain].	
38 AD-VERSION I AD VERSION input [Open drain].	
39 VOLUP O VOLUME UP.	
40 VOLDOWN O VOLUME DOWN.	
41 MD0 I Mode setting, High (Backup power supply).	
42 MD1 I Mode setting, High (Backup power supply).	
43 MD2 I Mode swetting, Low.	
44 STANDBY I STOP input.	
45 STOP I Hardware standby, High.	
46 U-RESET O Reset signal. (Control microprocessor).	
47 U-SREQ I Salve request & data. (Control microprocessor).	
48 U-MREQ O Master request. (Control microprocessor).	
49 U-DATA O Master data. (Control microprocessor).	
50 U-CLOCK O Master clock. (Control microprocessor).	

Pin No.	Label Name	I/O	Description
51	GND	_	L: HiFi, H: ES.
52	AUBUS IN	I	Control-A1.
53	AUBUS OUT	О	Control-A1.
54	GND	_	Ground.
55	EN-FNC.B	I	Encoder input (Function-B).
56	EN-FNC.A	I	Encoder input (Function-A).
57	UP/DOWN-B	_	Not used.
58	UP/DOWN-A	_	Not used.
59	LEFT/RIGHT-B	_	Not used.
60	LEFT/RIGHT-A	_	Not used.
61	GND	_	Ground.
62	RESET	I	Reset.
63	Vss	_	Ground.
64	X0	О	Ceramic oscillator, 4 MHz.
65	X1	I	Ceramic oscillator, 4 MHz.
66	Vcc	_	5V (Backup power supply).
67	LED- TUNER	О	LED output (TUNER).
68	LED-PHONO	О	LED output (PHONO).
69	LED-MUTE	О	LED output (MUTE).
70	LED-LEARN	О	LED output (IR-LEARN).
71	LED-DIRECT	О	LED output (DIRECT PASS).
72	LED-INPUT	О	LED output (DISCRETE).
73	LED-VOL	О	LED output (VOLUME).
74	LED-BASSB	О	LED output (BASS BOOST).
75	SP-A	I	SPEAKER A signal input.
76	SP-B	I	SPEAKER B signal input.
77	PW-SW	I	POWER key input.
78	LED-TV (V)	О	LED output (TV) for video.
79	LED-LD (V)	0	LED output (LD) for video.
80	MBUS-V1	I	M-BUS (VIDEO 1) input.

• IC3413 MB90641APF-G-104BND (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	RF-ERR	I	RF demodulater error signal.
2	RF-RESET	О	RR demodulater reset.
3	STOP	I	Stop in.
4	RDATA	I	DIR LC8905V data.
5	WDATA	О	DIR LC8905V write data.
6	DIRLAT	О	DIR LC8905V latch.
7	DIRCLK	О	DIR LC8905V clock.
8	DIRERR	I	DIR LC8905V error.
9	ANA/DIG	О	Analog/Digital.
10	A/DINT	О	A/D Converter AK5390 init.
11	Vss	_	Ground.
12	HREQ	I	DSP56009 SHI HREQ.
13	SS	О	DSP56009 SHI SS.
14	MOSI	О	DSP56009 SHI MOSI.
15	RESET	О	DSP56009 SHI reset.
16	MISO	I	DSP56009 SHI MISO.
17	CLOCK	О	DSP56009 SHI clock.
18	HREQ	I	DSP56009 SHI HREQ.
19	SS	О	DSP56009 SHI SS.
20	MOSI	О	DSP56009 SHI MOSI.
21	RESET	О	DSP56009 SHI reset.
22	MISO	I	DSP56009 SHI MISO.
23	Vcc	_	+5V.
24	CLOCK	О	DSP56009 SHI clock.
25	D/AINT	О	DF+DA CX8505BQ init.
26	D/ALAT	О	DF+DA CX8505BQ latch.
27	С	_	Connect to capacitor.
28	D/ACLK	О	DF+DA CX8505BQ clock.
29	D/ADATA	О	DF+DA CX8505BQ data.
30	N.C	_	Not used.
31	N.C	_	Not used.
32	N.C	_	Not used.
33	N.C	_	Not used.
34	Vcc	_	+5V.
35	Vcc	_	+5V.
36	Vss	_	Ground.
37	Vss	_	Ground.
38	LOW-FRQ-IED	I	Low frequency signal.
39	GAIN-FRONT-8DB	0	Front out +8db.
40	GAIN-FRONT-4DB	0	Front out +4db.
41	GAIN-FRONT-2DB	О	Front out +2db.
42	Vss	_	Ground.
43	N.C	_	Not used.
44	N.C	_	Not used.
45	N.C		Not used.
46	N.C		Not used.
47	N.C	_	Not used.
48	STOP	I	Power check.
49	MD0	I	Mode setting, HIGH.
50	MD1	Ι	Mode setting, HIGH.

STANDBY	Pin No.	Pin Name	I/O	Description
SS	51	MD2	I	Mode setting, LOW.
DISPMR	52	STANDBY	I	Standby swtch.
55 DISPDATA 1 display data.	53	N.C	_	Not used.
Side	54	DISPMR	I	display master request.
57 DISPCLK	55	DISPDATA	I	display data.
S8	56	SLVDATA/REQ	О	Slave Data/Request.
39	57	DISPCLK	I	Display clock.
60 CLK O LC clock. 61 DATA IN I PLL data 62 AU STOP I PLL auto stop. 63 STEREO I PLL stere. 64 N.C — Not used. 65 N.C — Not used. 66 HIFFES I HiffES select. 67 PROTEC I Protector. 68 VIDE-A O Video select A. 69 VIDE-B O Video select B. 70 VIDE-E O Video select B. 71 VIDEO-INH O Video select B. 72 PID-MUTE O Function mute. 73 TUNER-MUTE O Function mute. 74 SURR-MUTE O Surround mute. 75 AC-MUTE O All mute. 76 RM-MUTE O "-2000" mute. 77 RFSET I Reset. 78 RY-FRONT/A O Front speakers A relay. 80 RY FRONT O Front speakers A relay. 81 VSS — Ground. 83 X OUT O 4MHz OSC in. 84 Vcc — 4-5V. 85 RY-FREAMP O Peacher relay. 86 RY-CENTER O Center speaker relay. 87 RY-FREAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-FRONTER O Power relay. 80 RY-FRONTER O Center speakers relay. 81 NS — Ground. 83 RY-GENTER O Center speakers relay. 84 Vcc — 4-5V. 85 RY-FREA O Rear speaker relay. 86 RY-CENTER O Center speaker relay. 87 RY-FREA O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-FRONT O Power relay. 80 RY-FRONTER O Power relay. 80 RY-FRONTER O Power relay. 81 N.C — Not used. 82 N.C — Not used. 83 N.C — Not used. 94 RY-DIG-INI O Digital input select 1.	58	LAT	О	LC latch.
61 DATA IN I PLL data. 62 AU STOP I PLL auto stop. 63 STEREO I PLL suito stop. 64 N.C. — Not used. 65 N.C. — Not used. 66 N.C. — Not used. 66 HIFUES I HifuES select. 67 PROTEC I Protector. 68 VIDE-A O Video select A. 69 VIDE-B O Video select B. 70 VIDE-B O Video select E. 71 VIDEO-INH O Video select E. 71 VIDEO-INH O Video select E. 73 TUNER-MUTE O Function mute. 74 SURR-MUTE O Surround mute. 75 AC-MUTE O All mate. 76 RM-MUTE O "-20th" mute. 77 RESET I Reset 78 RY-FRONTIA O Front speakers B relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 81 Vss — Ground. 83 X OUT O 4MHz OSC in. 84 Vcc — 45V. 85 RY-PRE AMP O Peaphfilier relay. 86 RY-CENTER O Rear speaker relay. 87 RY-FRA MOTE O Center speaker relay. 88 RY-FRA MOTE O Center speaker relay. 89 RY-FRA MOTE O Seas Speaker relay. 80 RY-FRA MOTE O Seas Speaker relay. 81 No C — 65V. 82 X IN I MHZ OSC in. 83 X OUT O MHZ OSC in. 84 Vcc — 45V. 85 RY-PRE AMP O Peaphfilier relay. 86 RY-CENTER O Center speaker relay. 87 RY-FRA MOTE O Power relay. 88 RY-FRA MOTE O Power relay. 89 RY-HB O Rear speaker 478 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-PORECE-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-INI O Digital input select 1.	59	DATA	О	LC data.
62	60	CLK	О	LC clock.
63 STEREO 1 PLL stereo.	61	DATA IN	I	PLL data.
N.C	62	AU STOP	I	PLL auto stop.
Solution	63	STEREO	I	PLL stereo.
66	64	N.C	_	Not used.
67 PROTEC I Protector. 68 VIDE-A O Video select A. 69 VIDE-B O Video select B. 70 VIDE-C O Video select E. 71 VIDEO-INH O Video select E. 71 VIDE-B O Video select E. 71 VIDE-B O Video select E. 71 VIDE-B O Video select B. 70 VIDE-B O Treath 70 RY-RONTA O All mute. 75 AC-MUTE O Front speakers Palay. 80 RY FRONT/B O Front speakers Palay. 81 Vss — Ground	65	N.C	_	Not used.
68	66	HIFI/ES	I	Hifi/ES select.
69	67	PROTEC	I	Protector.
70	68	VIDE-A	О	Video select A.
71 VIDEO-INH O Video output inhibit. 72 FUN-MUTE O Function mute. 73 TUNER-MUTE O Tuner mute. 74 SURR-MUTE O Surround mute. 75 AC-MUTE O All mute. 76 RM-MUTE O "-20db" mute. 77 RESET I Reset. 78 RY-FRONT/A O Front speakers B relay. 80 RY-FRONT/B O Front speakers A relay. 80 RY FRONT O Front speakers a relay. 81 Vs — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O	69	VIDE-B	О	Video select B.
72 FUN-MUTE O Function mute. 73 TUNER-MUTE O Tuner mute. 74 SURR-MUTE O Surround mute. 75 AC-MUTE O All mute. 76 RM-MUTE O "-20db" mute. 77 RESET I Reset. 78 RY-FRONT/A O Front speakers B relay. 80 RY FRONT O Front speakers A relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT 0 4MHz OSC in. 84 Vcc — +5V. 85 RY-PREAMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-DOWER O <	70	VIDE-E	О	Video select E.
72 FUN-MUTE O Function mute. 73 TUNER-MUTE O Tuner mute. 74 SURR-MUTE O Surround mute. 75 AC-MUTE O All mute. 76 RM-MUTE O "-20db" mute. 77 RESET I Reset. 78 RY-FRONT/A O Front speakers B relay. 80 RY FRONT O Front speakers A relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT 0 4MHz OSC in. 84 Vcc — +5V. 85 RY-PREAMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-DOWER O <	71	VIDEO-INH	О	Video output inhibit.
73 TUNER-MUTE O Tuner mute. 74 SURR-MUTE O Surround mute. 75 AC-MUTE O All mute. 76 RM-MUTE O "-20db" mute. 77 RESET I Reset. 78 RY-FRONT/A O Front speakers B relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vec — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used.<		FUN-MUTE		
74 SURR-MUTE O Surround mute. 75 AC-MUTE O All mute. 76 RM-MUTE O "-20db" mute. 77 RESET I Reset. 78 RY-FRONT/A O Front speakers B relay. 79 RY-FRONT/B O Front speakers A relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PEE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — <t< td=""><td></td><td></td><td></td><td></td></t<>				
75 AC-MUTE O All mute. 76 RM-MUTE O "-20db" mute. 77 RESET I Reset. 78 RY-FRONT/A O Front speakers B relay. 79 RY-FRONT/B O Front speakers A relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PEE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-48 O Speaker 48 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. </td <td>74</td> <td></td> <td></td> <td>Surround mute.</td>	74			Surround mute.
76 RM-MUTE O "-20db" mute. 77 RESET I Reset. 78 RY-FRONT/A O Front speakers B relay. 79 RY-FRONT/B O Front speakers A relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used.	75		0	All mute.
77 RESET I Reset. 78 RY-FRONT/A O Front speakers B relay. 79 RY-FRONT/B O Front speakers A relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 96 N.C — Not used. </td <td></td> <td></td> <td>0</td> <td>"–20db" mute.</td>			0	"–20db" mute.
79 RY-FRONT/B O Front speakers A relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used.				
79 RY-FRONT/B O Front speakers A relay. 80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used.	78	RY-FRONT/A	О	Front speakers B relay.
80 RY FRONT O Front speakers relay. 81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 99	79	RY-FRONT/B		
81 Vss — Ground. 82 X IN I 4MHz OSC out. 83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN2 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.	80	RY FRONT	О	
83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN1 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.	81	Vss	_	
83 X OUT O 4MHz OSC in. 84 Vcc — +5V. 85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN2 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.	82	X IN	I	4MHz OSC out.
85 RY-PRE AMP O Pre amplifier relay. 86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN2 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.				4MHz OSC in.
86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN2 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.	84	Vcc	_	+5V.
86 RY-CENTER O Center speaker relay. 87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN2 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.	85	RY-PRE AMP	О	Pre amplifier relay.
87 RY-REAR O Rear speaker relay. 88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN2 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.	86	RY-CENTER	О	
88 RY-HP O Headphone relay. 89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN2 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.	87		О	
89 RY-4/8 O Speaker 4/8 relay. 90 RY-POWER O Power relay. 91 N.C — Not used. 92 N.C — Not used. 93 N.C — Not used. 94 RY-DIRECT-PASS O Direct pass. 95 N.C — Not used. 96 N.C — Not used. 97 N.C — Not used. 98 DIG-IN2 O Digital input select 2. 99 DIG-IN1 O Digital input select 1.			О	
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99 DIG-IN1 O Digital input select 1.				
i 100 DIO-1110 O Digital input SCICCI V.	100	DIG-IN0	О	Digital input select 0.

• IC3308 DOLBY AC-3 demodulator (SN-PM4007A)

Pin No.	Pin Name	I/O	Description
1	GND	_	Ground
2	VDD	_	+5V power supply
3	RESET	I	System reset input "L": reset
4	OSCON	I	Oscillation control signal input "H" : ON
5	DATA	I	Test pin (Connected to ground)
6	MCK	I	Test pin (Connected to ground)
7	MLTB	I	Test pin (Connected to ground)
8	IDST	О	Test pin (Open)
9	IDCK	О	Test pin (Open)
10	IDO	О	Test pin (Open)
11	TM0	I	Test pin (Connected to ground)
12	ECCK	О	Test pin (Open)
13	DEN	О	Test pin (Open)
14	DRY	О	Test pin (Open)
15	MSYC	О	Test pin (Open)
16	TM1	I	Test pin (Connected to ground)
17	A0	О	Address data output to SRAM
18	A1	О	Address data output to SRAM
19	A2	О	Address data output to SRAM
20	A3	О	Address data output to SRAM
21	A4	О	Address data output to SRAM
22	A5	О	Address data output to SRAM
23	TM2	I	Test pin (Connected to ground)
24	TM3	I	Test pin (Connected to ground)
25	XOUT	О	Test pin (Open)
26	XIN	I	Test pin (Connected to ground)
27	XENT	I	Test pin (Connected to ground)
28	GND	_	Ground
29	VDD	_	+5V power supply
30	A6	О	Address data output to SRAM
31	A7	О	Address data output to SRAM
32	GND	_	Ground
33	VDD	_	+5V power supply
34	A12	О	Address data output to SRAM
35	A14	О	Address data output to SRAM
36	WE	0	Write enable signal output to SRAM "L": active
37	A13	0	Address data output to SRAM
38	A8	0	Address data output to SRAM
39	A9	0	Address data output to SRAM
40	GND	_	Ground
41	A11	О	Address data output to SRAM
42	OE	0	Output enable output to SRAM
43	A10	0	Address data output to SRAM
44	D7	I/O	Data bus input/output with SRAM
45	D6	I/O	Data bus input/output with SRAM
46	D5	I/O	Data bus input/output with SRAM
47	D4	I/O	Data bus input/output with SRAM
48	D3	I/O	Data bus input/output with SRAM
49	D2	I/O	Data bus input/output with SRAM
50	D1	I/O	Data bus input/output with SRAM

Pin No. Pin Name VO	
52 VDD — 4-5V power supply 53 GND — Ground 54 TI1 I Test pin (Connected to VDD) 55 VIN I VCXO input (18.432MHz) 56 VOUT O VCXO output (18.432MHz) 57 TI2 I Test pin (Connected to Ground) 58 TI3 I Test pin (Connected to Ground) 60 TCK I Test pin (Connected to Ground) 60 TCK I Test pin (Connected to Ground) 61 TRP O Test pin (Open) 62 TD0 O Test pin (Connected to Ground) 63 PD0 O Output of internal phase comparator (3 state) 64 T14 I Test pin (Connected to Ground) 65 PDDIS I PDO output control input "H": output ON 66 MUTO O Mut signal output "H": output ON 67 T15 I Test pin (Connected to Ground) 68 VLDY O Test	
53 GND — Ground 54 TII I Test pin (Connected to VDD) 55 VIN I VCXO input (18.432MHz) 56 VOUT O VCXO output (18.432MHz) 57 TI2 I Test pin (Connected to Ground) 58 TI3 I Test pin (Connected to Ground) 60 TCK I Test pin (Connected to Ground) 60 TCK I Test pin (Open) 61 TRP O Test pin (Open) 62 TDO O Test pin (Open) 63 PDO O Output of internal phase comparator (3 state) 64 TI4 I Test pin (Open) 65 PDDIS I PDO output control input "L": output ON 66 MUTO O Mute signal output "H": mute 67 TI5 I Test pin (Open) 68 VLDY O Test pin (Open) 69 DASYO O Test pin (Open) <td< td=""><td></td></td<>	
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74 C2F1 O C2 error correction state display Outputs if corrected properly (Not used) 75 C2F0 O C2 error correction state display Outputs number of errors at C2 (Not used) 76 C1F1 O C2 error correction state display Outputs whether error is present at C1 (Not used) 77 C1F0 O C2 error correction state display Outputs number of errors at C1 (Not used) 78 MUTI I Muting input "H" mute 79 VDD — +5V power supply	,
75 C2F0 O C2 error correction state display Outputs number of errors at C2 (Not used) 76 C1F1 O C2 error correction state display Outputs whether error is present at C1 (Not used) 77 C1F0 O C2 error correction state display Outputs number of errors at C1 (Not used) 78 MUTI I Muting input "H" mute 79 VDD — +5V power supply	
76 C1F1 O C2 error correction state display Outputs whether error is present at C1 (Not used) 77 C1F0 O C2 error correction state display Outputs number of errors at C1 (Not used) 78 MUTI I Muting input "H" mute 79 VDD — +5V power supply	
77 C1F0 O C2 error correction state display Outputs number of errors at C1 (Not used) 78 MUTI I Muting input "H" mute 79 VDD — +5V power supply	
78 MUTI I Muting input "H" mute 79 VDD — +5V power supply	
79 VDD — +5V power supply	
1 00 1 01.2 1 1 Oronna	
81 AVDD — +5V power supply (Analog)	
82 CPIN I Comparator input (+) (QPSK input)	
83 CMIN I Comparator input (–)	
84 AGND — Ground (Analog)	
85 TM4 I Test pin (Connected to ground)	
86 VDD — +5V power supply	
87 DIN I Test pin (Connected to ground)	
88 DOUT O Comparate output	
89 DOUTB O Comparate inverted output	
90 C9M O 9.216MHz output (Open)	
91 GND — Ground	
92 WINGT O Test pin (Connected to ground)	
93 SYSTO O Test pin (Connected to ground)	
94 SYST1 O Test pin (Connected to ground)	
95 ADSTO O Test pin (Connected to ground)	
96 ADST1 O Test pin (Connected to ground)	
97 TM5 I Test pin (Open)	
98 BUNRI I Test pin (Open)	
99 AGND — Ground (Analog)	,
100 AVDD — +5V power supply (Analog)	

• IC3311 Digital Audio Interface Receiver (CXD8521M)

Pin No.	Pin Name	I/O	Passaviation
			Description
1	DIN1	I	Data input with built-in amplifier (Responding to the coaxial optical module)
2	DIN2	I	Data input (Responding to the optical module)
3	E/DOUT	О	Emphasis, input bi-phase, validity flag output
4	VDD		Power supply (+5V)
5	R	I	VCO gain control input (Fixed at "H")
6	VIN	I	VCO freerunning frequency setting input
7	VCO	О	LPF setting of PLL (Fixed at "L")
8	GND		Ground
9	CKSEL	I	System clock select input (384fs, 512fs) (Connected to the power supply.)
10	XMODE	I	Reset input
11	AVOCK	I	Clock input for preventing PLL lock failure
12	TST1	I	- Test input (Normally "L")
13	TST2	I	rest input (Normany 2)
14	SCLK	I	Microcomputer IF clock input
15	XLAT	I	Microcomputer IF latch/chip enable input
16	SWDT	I	Microcomputer IF write data input
17	SRDT	О	Microcomputer IF read data output
18	DQSY	О	Microcomputer IF Sub-Q sync and ID sync output (Not used)
19	CKOUT	О	VCO clock output (Freerunning, 384fs, 512fs) (Not used)
20	FS128	О	128fs clock output (Not used)
21	BCK	О	Bit clock output
22	LRCK	О	L/R clock output
23	DATAO	О	Audio data output
24	EROR	0	PLL lock error mute output

• IC3410 Digital Signal Processor (DSP56009FJ88F)

Pin No.	Pin Name	I/O	Description
1	AGND	_	Address buffer ground
2	MCS0	О	Chip select 0 output to S-RAM (Not used)
3	MCS3	О	Chip select 3 output to S-RAM (Not used)
4	MA14	О	
5	MA13	О	Address data output to S-RAM (Not used)
6	AVCC	_	Address bus buffer power supply (+5V)
7	MA12	О	Address data output to S-RAM(Not used)
8	AGND	_	Ground for address bus buffer
9	QVCC	_	Power supply for internal logic (+5V)
10	QGND	_	Ground for internal logic
11	MA11	О	
12	MA10	О	Address data sustantias C DAM (Naturas d)
13	MA9	О	Address data output to S-RAM (Not used)
14	MA8	О	
15	AGND	_	Ground for address bus buffer
16	MA7	О	Address data output to S-RAM (Not used)
17	AVCC	_	Power supply for address bus buffer (+5V)
18	MA6	О	
19	MA5	О	Address data output to S-RAM (Not used)
20	MA4	О	
21	AGND		Ground for address bus buffer
22	MA3	О	
23	MA2	О	Address data output to S-RAM (Not used)
24	MA1	О	
25	MA0	О	
26	SCK	I	SPI serial clock signal input from system controller
27	EXTAL	I	External frequency input (3 MHz)
28	QVCC		Power supply for internal logic (+5V)
29	QGND		Ground for internal logic
30	PINIT	I	PLL initialize input (Fixed at "L")
31	PGND		Ground for PLL
32	PCAP	I	PLL filter input (Connected to 0.01 µF capacitor)
33	PVCC	_	Power supply for PLL (+5V)
34	SGND	_	Ground for serial port
35	MISO	I	Master data signal input from system controller
36	RESET	I	Reset signal input from system controller
37	MODA	I	Mode select A (Fixed at "H")
38	MODB	I	Mode select B (Fixed at "L")
39	MODC	I	Mode select C (Fixed at "H")
40	SVCC	_	Power supply for serial port (+5V)

Pin No.	Pin Name	I/O	Description
41	MOSI	О	Master data signal output to system controller
42	SS	I	SPI slave select signal input from system controller
43	HREQ	I	Host request signal input from system controller
44	SGND	_	Ground for serial port
45	SDO2	О	Audio serial data 2 signal output (Not used)
46	SDO1	О	Audio serial data 1 signal output
47	SDO0	О	Audio serial data 0 signal output
48	SVCC	_	Power supply for serial port (+5V)
49	SCKT	О	Serial clock transmission
50	WST	О	Word select transmission
51	SCKR	I	Serial clock reception
52	QGND	_	Ground for internal logic
53	QVCC	_	Power supply for internal logic (+5V)
54	SGND	_	Ground for serial port
55	WSR	I	Word select reception
56	SDI1	I	Audio serial data 1 signal input
57	SDI0	I	Audio serial data 0 signal input
58	DSO	О	Debug serial signal output (Not used)
59	DSI	I	Debug serial signal input (Not used)
60	DSCK	I	Debug serial clock signal input (Not used)
61	DR	I	Debug request input (Fixed at "H")
62	MD7	I/O	
63	MD6	I/O	D. C.
64	MD5	I/O	Data input/output with S-RAM (Not used)
65	MD4	I/O	
66	DGND	_	Ground for data bus buffer
67	MD3	I/O	
68	MD2	I/O	Data input/output with S-RAM (Not used)
69	MD1	I/O	
70	DVCC	_	Power supply for data bus buffer (+5V)
71	MD0	I/O	Data input/output with S-RAM (Not used)
72	DGND	_	Ground for data bus buffer
73	GPIO3	I/O	
74	GPIO2	I/O	Concerd DSD input/output (Not used)
75	GPIO1	I/O	General DSP input/output (Not used)
76	GPIO0	I/O	
77	MRD	0	Write strobe signal output to S-RAM (Not used)
78	MWR	О	Read strobe signal output to S-RAM (Not used)
79	MRAS	0	Low address strobe signal output to S-RAM (Not used)
80	MCAS	0	Column address strobe signal output to S-RAM (Not used)

• IC3412 Digital Signal Processor (SSP424023FJ88)

Pin No.	Pin Name	I/O	Description					
1	AGND		Address buffer ground					
2	MCS0	0	Chip select 0 output to S-RAM (Not used)					
3	MCS3	0	Chip select 3 output to S-RAM (Not used)					
4	MA14	0	— Society suspensive Harri					
5		0	Address data output to S-RAM					
6	MA13 AVCC		Address bus buffer power supply (+5V)					
7	MA12	0	Address data output to S-RAM					
8	AGND		Ground for address bus buffer					
9		_						
10	QVCC	_	Power supply for internal logic (+5V) Ground for internal logic					
	QGND	_	Ground for internal logic					
11	MA11	0						
	MA10	0	Address data output to S-RAM					
13	MA9	0						
14	MA8	0						
15	AGND		Ground for address bus buffer					
16	MA7	0	Address data output to S-RAM					
17	AVCC	_	Power supply for address bus buffer (+5V)					
18	MA6	0	A LL LA LA LA CRAM					
19	MA5	0	Address data output to S-RAM					
20	MA4	0	Crowned for address has harfar					
21	AGND	_	Ground for address bus buffer					
22	MA3	0						
23	MA2	0	Address data output to S-RAM					
24	MA1	0						
25	MA0	0						
26	SCK	I	SPI serial clock signal input from system controller					
27	EXTAL	I	External frequency input (3 MHz)					
28	QVCC	_	Power supply for internal logic (+5V)					
29	QGND		Ground for internal logic					
30	PINIT	I	PLL initialize input (Fixed at "L")					
31	PGND		Ground for PLL					
32	PCAP	I	PLL filter input (Connected to 0.01 mF capacitor)					
33	PVCC	-	Power supply for PLL (+5V)					
34	SGND	_	Ground for serial port					
35	MISO	I	Master data signal input from system controller					
36	RESET	I	Reset signal input from system controller					
37	MODA	I	Mode select A (Fixed at "H")					
38	MODB	I	Mode select B (Fixed at "L")					
39	MODC	I	Mode select C (Fixed at "H")					
40	SVCC		Power supply for serial port (+5V)					

Pin No.	Pin Name	I/O	Description
41	MOSI	О	Master data signal output to system controller
42	SS	I	SPI slave select signal input from system controller
43	HREQ	I	Host request signal input from system controller
44	SGND	_	Ground for serial port
45	SDO2	О	Audio serial data 2 signal output
46	SDO1	О	Audio serial data 1 signal output
47	SDO0	О	Audio serial data 0 signal output
48	SVCC	_	Power supply for serial port (+5V)
49	SCKT	О	Serial clock transmission
50	WST	О	Word select transmission
51	SCKR	I	Serial clock reception
52	QGND	_	Ground for internal logic
53	QVCC	_	Power supply for internal logic (+5V)
54	SGND	_	Ground for serial port
55	WSR	I	Word select reception
56	SDI1	I	Audio serial data 1 signal input
57	SDI0	I	Audio serial data 0 signal input
58	DSO	О	Debug serial signal output (Not used)
59	DSI	I	Debug serial signal input (Not used)
60	DSCK	I	Debug serial clock signal input (Not used)
61	DR	I	Debug request input (Fixed at "H")
62	MD7	I/O	
63	MD6	I/O	
64	MD5	I/O	Data input/output with S-RAM
65	MD4	I/O	
66	DGND	_	Ground for data bus buffer
67	MD3	I/O	
68	MD2	I/O	Data input/output with S-RAM
69	MD1	I/O	
70	DVCC	_	Power supply for data bus buffer (+5V)
71	MD0	I/O	Data input/output with S-RAM
72	DGND	_	Ground for data bus buffer
73	GPIO3	I/O	
74	GPIO2	I/O	General DSP input/output (Not used)
75	GPIO1	I/O	
76	GPIO0	I/O	General DSP input/output with system controller
77	MRD	О	Write strobe signal output to S-RAM
78	MWR	О	Read strobe signal output to S-RAM
79	MRAS	О	Low address strobe signal output to S-RAM
80	MCAS	О	Column address strobe signal output to S-RAM

SECTION 3 EXPLODED VIEWS

Note:

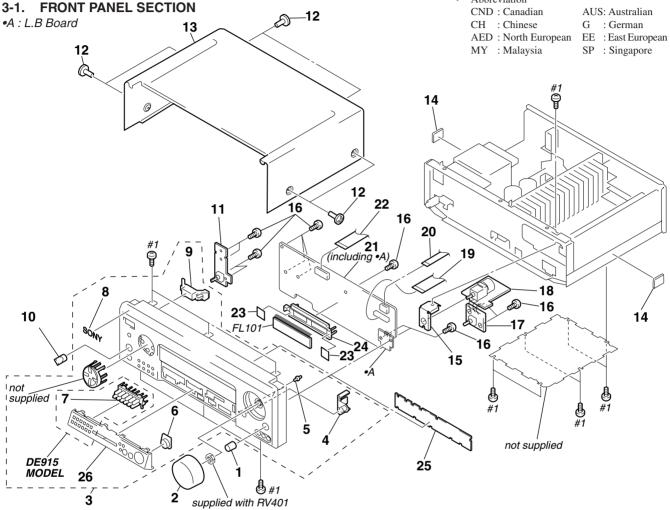
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Color Indication of Appearance Parts Example:

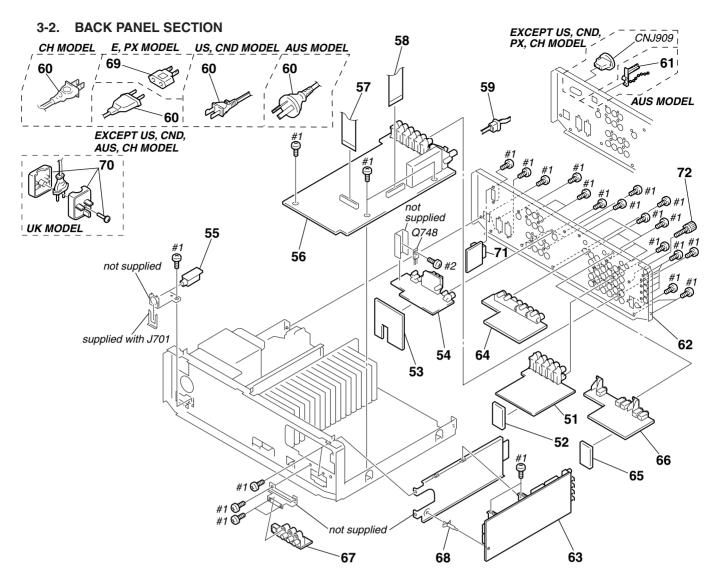
KNOB, BALANCE (WHITE) . . . (RED) Parts of Color Cabinet's Color The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Abbreviation



Ref. No.	Part No.	Description	<u>Remarks</u>	Ref. No.	Part No.	Description	<u>Remarks</u>
1 1 2 2 2	4-980-639-01 4-980-639-31 X-4947-074-1 X-4948-458-1 X-4948-464-1	KNOB (R14) (BLACK)(DE915/VE910) KNOB (R14) (GOLD)(V909) KNOB (R48) ASSY (BLACK)(DE915) KNOB (ZN) ASSY (BLACK)(VE910) KNOB (ZN) ASSY (GOLD)(V909)		12 12 * 13 13 13	3-704-366-01 3-704-366-11 4-982-682-01 X-4947-722-1 X-4947-723-1	SCREW (CASE) (M3X8)(BLACK SCREW (CASE) (M3X8) (GOLD CASE (414532) (BLACK)(DE91 CASE ASSY (BLACK)(VE910) CASE ASSY (GOLD)(V909)	D)(V909)
3 3 3 3	X-4948-455-1 X-4948-456-1 X-4948-463-1 X-4948-602-1 X-4948-603-1	PANEL ASSY, FRONT (BLACK)(DE915 PANEL ASSY, FRONT (GOLD)(V909) PANEL ASSY (C9), FRONT (BLACK)(V PANEL ASSY, FRONT (BLACK)(DE915 PANEL ASSY, FRONT (BLACK)(DE915	E910) :PX)	14 * 15 16 * 17 * 18	4-985-642-01 4-989-878-01 4-951-620-01 1-665-815-11 1-665-774-11	BALANCE BOARD	
4 4 5 6	4-989-850-01 4-989-850-11 4-989-842-01 4-989-852-01 4-989-852-11	BUTTON (BB) (BLACK)(DE915/VE910) BUTTON (BB) (GOLD)(V909) INDICATOR (BB) RING (SUR) (BLACK)(DE915/VE910) RING (SUR) (GOLD)(V909))	19 20 * 21 * 21 * 21	1-773-057-11 A-4398-225-A A-4398-246-A	WIRE (FLAT TYPE) (21 CORE) WIRE (FLAT TYPE) (17 CORE) DISPLAY BOARD, COMPLETE DISPLAY BOARD, COMPLETE DISPLAY BOARD, COMPLETE	(DE915:US,CND) (DE915:AUS)
7 8 8 8 9	4-989-846-01 3-008-600-11 4-979-587-01 4-979-587-11 4-980-109-01	BUTTON (12)(BLACK)(DE915) EMBLEM (5-AR), SONY (BLACK)(DE9 EMBLEM (NO.5), SONY (BLACK)(VE9 EMBLEM (NO.5), SONY (GOLD)(V909 BUTTON (P-M) (BLACK)(VE910)	10)́	* 21 22 * 23 * 24 * 25	A-4398-284-A 1-773-107-11 4-921-941-01 4-990-797-01 1-665-780-11	, , , , ,	
9 9 10 10 * 11	4-980-109-41 4-989-843-01 4-957-383-01 4-957-383-21 1-665-775-11	BUTTON (P-M) (GOLD)(V909) BUTTON (P-T) (BLACK)(DE915) KNOB (F14) (BLACK)(DE915/VE910) KNOB (F14) (GOLD)(V909) SP SW BOARD	— 7	26 26 26 FL101	4-989-864-41 4-991-019-01 4-991-019-11 1-517-671-11	ESCUTCHEON (COVER)(BLACI ESCUTCHEON (COVER)(BLACI ESCUTCHEON (COVER)(GOLD INDICATOR TUBE, FLUORESCI	K)(VE910))(V909)



Ref. No.	Part No.	<u>Description</u> <u>Remarks</u>	Ref. No.	Part No.	<u>Description</u>	<u>Remarks</u>		
* 51	1-665-786-11	AUDIO (2F) BOARD	* 62	4-989-882-01	PANEL. BACK	(VE910:EXCEPT E)		
* 52	1-665-776-11	SUR-AUDIO (2F) BOARD	* 62	4-989-882-11	PANEL, BACK (VE910:E)			
* 53	1-665-787-11	S-A-P BOARD	* 62	4-989-882-21	PANEL, BACK			
* 54	A-4398-235-A	SP (2F) BOARD, COMPLETE	* 62	4-989-885-01	PANEL, BACK			
		(VE910:AEP,UK,G,AED,EE)	* 62	4-989-885-11	PANEL, BACK	(DE915:CND)		
* 54	A-4398-250-A	SP (2F) BOARD, COMPLETE (DE915:AUS)						
			* 62	4-989-885-21	PANEL, BACK	(DE915:AUS)		
* 54	A-4398-262-A	SP (2F) BOARD, COMPLETE	* 62	4-989-885-31	PANEL, BACK	(DE915:PX)		
		(DE915:US,CND,PX)	* 63			RD, COMPLETE (DE915)		
* 54	A-4398-295-A	SP (2F) BOARD, COMPLETE	* 63	A-4403-423-A	DIGITAL BOAR	D, COMPLETE (V909/VE910)		
		(V909/VE910:E,SP,MY)	* 64	1-665-784-11	VIDEO BOARD			
* 55	1-665-779-11	HEADPHONE BOARD						
* 56	A-4398-236-A	SUR BOARD, COMPLETE	* 65		JOINT (VIDEO)			
		(VE910:AEP,UK,G,AED,EE)	* 66			RD, COMPLETE (DE915:US,CND)		
* 56	A-4398-266-A	SUR BOARD, COMPLETE (DE915:US,CND,PX)	* 66			RD, COMPLETE (DE915:AUS,PX)		
			* 66			RD, COMPLETE (V909/VE910)		
* 56	A-4398-279-A	SUR BOARD, COMPLETE	* 67	1-665-777-11	VIDEO (3) BOA	ARD		
		(V909/VE910:E,SP,MY)						
* 56		SUR BOARD, COMPLETE (DE915:AUS)	* 68	4-954-051-41	HOLDER, PC B			
57		WIRE (FLAT TYPE) (19 CORE)(23cm)	1 69 €	1-569-008-11		NVERSION 2P (E,PX)		
58	1-773-174-11	WIRE (FLAT TYPE) (21 CORE)(9cm)	△ 70	1-770-019-11	- ,	NVERSION 3P (UK)		
* 59	3-703-244-00	BUSHING (2104), CORD	* 71	1-665-788-11		D (DE915:PX/VE910:E)		
			72	4-947-010-01	SCREW, FEEDE	ER FIXED		
 ∆ 60	1-696-847-11	CORD, POWER (AUS)			0.1171.57.40.44	110)		
 60	1-769-743-11	CORD, POWER (US,CND)		9 1-251-416-11	OUTLET, AC (A	,		
 ∆ 60	1-769-744-11	CORD, POWER (EXCEPT US, CND, AUS, CH)	△ CNJ909	9 1-526-794-11	UUTLET, AC (E	XCEPT US,CND,AUS,PX,CH)		
 60	1-782-464-21	CORD, POWER (CH)		T .		1		
61	4-956-370-12	BAND, PLUG FIXED (AUS)	1	The components mark /\(\hat{\Lambda}\) or dotted	, ,	Les composants identifiés par une marque A sont critiques		

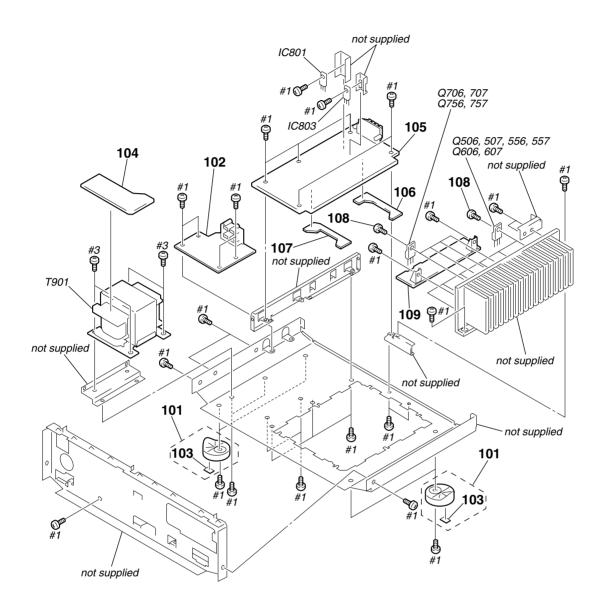
mark \triangle or dotted line with mark \triangle are critical for safety.

Replace only with part number

specified.

Les composants identifiés par une marque ∆ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

3-3. CHASSIS SECTION



Ref. No.	Part No.	<u>Description</u>	Remarks	Ref. No.	Part No.	<u>Description</u>	<u>Remarks</u>
101	X-4947-025-1	FOOT ASSY (BLACK)(VE910)		* 105	A-4398-288-A	AMP BOARD, COMPLETE (DE	915:AUS)
101	X-4947-207-1	FOOT ASSY (F50150S)(BLACK)(DE91	15:AUS,PX)	* 106	1-665-792-11	AMP JOINT (B) BOARD	,
101	X-4947-208-1	FOOT ASSY (F50150S)(BLACK)		* 107	1-665-791-11	AMP JOINT (F) BOARD	
		(DE91	5:US,CND)	108	3-905-609-01	SCREW (TRANSISTOR)	
101	X-4948-848-1	FOOT ASSY (GOLD)(V909)		* 109	A-4398-234-A	REAR AMP BOARD, COMPLE	TE (V909/VE910)
* 102	A-4398-249-A	PS BOARD, COMPLETE					
		(DE915:AUS/VE910:AEP,UK	(,G,AED,EE)	* 109	A-4398-248-A	REAR AMP BOARD, COMPLE	TE (DE915:AUS)
* 102		PS BOARD, COMPLETE (DE915:US,0		* 109	A-4398-258-A	REAR AMP BOARD, COMPLE	TE
* 102	A-4398-278-A	PS BOARD, COMPLETE (V909/VE910	0:E,SP,MY)			(D	E915:US,CND,PX)
* 102	A-4398-282-A	PS BOARD, COMPLETE (DE915:PX)		 ∆ T901	1-431-281-11	TRANSFORMER, POWER (US))
103	4-977-358-11	CUSHION (8X12.5) (DE915:US,CND)		 ∆ T901	1-431-282-11	TRANSFORMER, POWER (CN	D)
* 104	1-665-783-11	SECONDARY BOARD		 ∆ T901	1-431-283-11	TRANSFORMER, POWER (AU	S)
* 105		AMP BOARD, COMPLETE (DE915:US	S,CND,PX)	△ T901	1-431-284-11	TRANSFORMER, POWER (PX))
* 105	A-4398-280-A	AMP BOARD, COMPLETE		△ T901	1-431-285-11	, - , -	, , ,
		(V909/VE91	0:E,SP,MY)	△ T901	1-431-286-11	TRANSFORMER, POWER (AEI	P,UK,G,EE,AED)
* 105	A-4398-286-A	AMP BOARD, COMPLETE					
		(VE910:AEP,UK	(,G,AED,EE)				

The components identified by mark Δ or dotted line with mark Δ are critical for safety. Replace only with part number

specified.

Les composants identifiés par une marque \(\triangle \) sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.

AMP

SECTION 4 ELECTRICAL PARTS LIST

Note:

C818

1-126-967-11 ELECT

When indicating parts by reference number, please include the board naame.

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \$\Delta\$ sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS: uF: μF
- RESISTORS

All resistors are in ohms.

METAL: metal-film resistor

METAL OXIDE: Metal Oxide-film resistor

F: nonflammable

COILS uH: µH

SEMICONDUCTORS

In each case, u: μ , for example: uA...: μ A..., uPA..., μ PA..., uPB..., μ PC...,

uPD..., μPD...

Abbreviation

CND: Canadian AUS: Australian
CH: Chinese G: German
AED: North European EE: East European

MY : Malaysia SP : Singapore

used on	the set.	•									
Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	<u>Description</u> <u>Remarks</u>			
*	A-4398-230-A	AMP BOARD, CC		E915:US	,CND,PX)			< CONNECTOR >			
*	A-4398-280-A	AMP BOARD, CO	MPLETE (V	909/VE9				PIN, CONNECTOR (B2P-VH) 2P			
*	A-4398-286-A	**************************************	MPLETE (V	'E910:AE		CNS502	1-770-404-11	PIN, CONNECTOR (PC BOARD) 15P HOUSING, CONNECTOR (PC BOARD) 11P			
*	A-4398-288-A	**************************************	MPLETE (D)E915:AU	AED,EE) S)			HOUSING,CONNECTOR(PC BOARD)11P SOCKET, CONNECTOR 19P			
		***************************************	*****					< DIODE >			
*	1_537_738_91	TERMINAL, EART	ты					< DIODE >			
		SCREW +BVTT				D501	8-719-987-63	DIODE 1N4148M			
	7 000 072 00	OUNEW IDVII	ono (o)			D502		DIODE UZ-2.2BS			
		< CAPACITOR >				D502		DIODE UZ-2.2BS			
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				D504		DIODE 1N4148M			
C520	1-126-967-11	FLECT	47uF	20%	16V	D505		DIODE 1N4148M			
C521	1-107-597-11		22PF	10%	500V	2000	0 7 10 007 00	DIODE THEFT TOWN			
C522	1-107-597-11		22PF	10%	500V 500V	D506	8-719-987-63	DIODE 1N4148M			
C523	1-162-286-31		220PF	10%	500V 50V	D507		DIODE 1N4148M			
C524	1-102-260-31	-	10uF	20%	50V 50V	D507		DIODE 1N4148M			
U32 4	1-120-904-11	ELEUI	TOUF	20%	30V						
0505	1 100 157 00	EII NA	0.000	F0/	F0)/	D512		DIODE 1N4148M			
C525	1-136-157-00		0.022uF	5%	50V	D545	8-719-987-63	DIODE 1N4148M			
C526	1-136-153-00		0.01uF	5%	50V	DE 40	0.740.007.00	DIODE ANALOM			
C570	1-126-967-11		47uF	20%	16V	D546		DIODE 1N4148M			
C571	1-107-597-11		22PF	10%	500V	D547		DIODE 1N4148M			
C572	1-107-597-11	CERAMIC	22PF	10%	500V	D548		DIODE 1S1585			
						D549		DIODE 1S1585			
C573	1-162-286-31	CERAMIC	220PF	10%	50V	D551	8-719-987-63	DIODE 1N4148M			
C574	1-126-964-11		10uF	20%	50V						
C575	1-136-157-00	FILM	0.022uF	5%	50V	D552	8-719-010-06	DIODE UZ-2.2BS			
C576	1-136-153-00	FILM	0.01uF	5%	50V	D553	8-719-010-06	DIODE UZ-2.2BS			
C590	1-126-935-11	ELECT	470uF	20%	6.3V	D554	8-719-987-63	DIODE 1N4148M			
						D555	8-719-987-63	DIODE 1N4148M			
C598	1-126-965-11	ELECT	22uF	20%	50V	D556	8-719-987-63	DIODE 1N4148M			
C620	1-126-967-11	ELECT	47uF	20%	16V						
C621	1-107-597-11	CERAMIC	22PF	10%	500V	D601	8-719-987-63	DIODE 1N4148M			
C622	1-107-597-11		22PF	10%	500V	D602		DIODE UZ-2.2BS			
C623	1-162-286-31		220PF	10%	50V	D603		DIODE UZ-2.2BS			
0020		020		, .		D604		DIODE 1N4148M			
C803	1-117-950-11	ELECT(SOLID)	10000uF	20%	63V 09/VE910)	D608		DIODE 1N4148M			
C803	1-109-932-11	FLECT	10000uF	20%	71V	D611	8-719-987-63	DIODE 1N4148M			
0000	1 100 002 11	LLLOI	1000001	2070	(DE915)	D647		DIODE 1N4148M (DE915)			
C804	1_117_050_11	ELECT(SOLID)	10000uE	20%		D648		DIODE 1N4148M (DE915)			
0004	1-117-950-11	LLLUT(SULID)	1000001		09/VE910)	D651		DIODE 1N4148M			
C804	1-109-932-11	EL ECT	10000uE	20%	71V			DIODE 1N4148M			
U8U4	1-109-932-11	ELEGI	10000uF	20%	(DE915)	D711					
						D716		DIODE 1N4148M			
C807	1-126-967-11		47uF	20%	16V	D807	8-719-002-73	DIODE UZL-36M			
C808	1-126-967-11	ELECT	47uF	20%	16V						
C810	1-126-967-11	ELECT	47uF	20%	16V			< IC >			
C811	1-126-952-11	ELECT	1000uF	20%	35V						
C812	1-126-951-11		470uF	20%	35V	IC801	8-759-391-87	IC BA78M12P			
•			•	*		IC803		IC M5F79M12			
C817	1-126-967-11	ELECT	47uF	20%	50V						
						1					

50V

20%

47uF

AMP

Dof No	Dort No	Description			Domorko	l Dof No	Dort No	Description			Domarka
Ref. No.	Part No.	Description			<u>Remarks</u>	Ref. No.	Part No.	Description			<u>Remarks</u>
		< COIL >				⚠ R533	1-249-393-11	-	10	5%	1/4W F
L501	1-411-906-11	COIL, AIR-CO	DE /\/000/\/E0	10)		 ≜ R534 R535	1-249-389-11 1-249-431-11		4.7 15K	5% 5%	1/4W F 1/4W
L501		COIL, AIR-COI		10)		R536	1-249-439-11		68K	5%	1/4W
L551	1-411-906-11	,		10)		11000	1 2 10 100 11	ONTEGRA	OOK		909/VE910)
L551		COIL, AIR-COI		. • ,						(-	000,120.0,
		•	,			R536	1-249-441-11	CARBON	100K	5%	1/4W
		< TRANSISTO	R >								(DE915)
						R539	1-249-427-11		6.8K	5%	1/4W F
Q504		TRANSISTOR		E		R540	1-249-417-11	-	1K	5%	1/4W F
Q505		TRANSISTOR				R541	1-249-429-11		10K	5%	1/4W
Q506 Q507		IC MN2488-0F				R547	1-249-425-11	CARBON	4.7K	5%	1/4W F
Q508		TRANSISTOR		ΔΕΔ		R548	1-249-429-11	CARRON	10K	5%	1/4W
Q000	0 725 140 02	THANOIOTON	20A300 1 AI	ALA		 △ R549	1-249-393-11		1010	5%	1/4W F
Q509	8-729-281-53	TRANSISTOR	2SC1815-GI	3		R550	1-249-429-11		10K	5%	1/4W
Q510		TRANSISTOR				R571	1-249-437-11	CARBON	47K	5%	1/4W
Q511		TRANSISTOR									(DE915)
Q546		TRANSISTOR				R572	1-247-840-00	CARBON	2.4K	5%	1/4W
Q547	8-729-140-84	TRANSISTOR	2SC1841-PA	AFAEA							909/VE910)
						R572	1-249-421-11	CARBON	2.2K	5%	1/4W F
Q548		TRANSISTOR				DE70	1 040 444 44	OADDON	500	5 0/	(DE915)
Q549		TRANSISTOR TRANSISTOR				R573 ⚠ R574	1-249-414-11 1-249-408-11		560 180	5% 5%	1/4W F 1/4W F
Q554 Q555		TRANSISTOR		-C		<u> </u>	1-249-400-11	CARBUN	100	370	1/4VV F
Q556		IC MN2488-01				 ⚠ R575	1-249-408-11	CARRON	180	5%	1/4W F
QUUU	0 743 010 23	10 101112-100 01	1 IVI			△ R576		ENCAPSULATE			2X2 2W
Q557	8-749-010-26	IC MP1620-0F	PY-M			R577	1-247-850-11		6.2K	5%	1/4W
Q558	8-729-140-82	TRANSISTOR	2SA988-PAF	AEA		R578	1-249-419-11	CARBON	1.5K	5%	1/4W F
Q559	8-729-281-53	TRANSISTOR	2SC1815-GI	3		R579	1-247-866-11	CARBON	30K	5%	1/4W
Q560	8-729-900-63	TRANSISTOR	DTA124ES								
Q561	8-729-900-63	TRANSISTOR	DTA124ES			R580	1-249-421-11		2.2K	5%	1/4W F
						R581	1-249-433-11		22K	5%	1/4W
Q596		TRANSISTOR				R582	1-249-437-11		47K	5%	1/4W
Q604		TRANSISTOR		-E		⚠ R583	1-249-393-11		10	5%	1/4W F
Q605	8-729-209-15					△ R584	1-249-389-11	CARBUN	4.7	5%	1/4W F
Q606 Q607	8-749-010-25	IC MN2488-0F				R585	1-249-431-11	CADRON	15K	5%	1/4W
QOUT	0-749-010-20	10 IVIF 1020-01	- 1-IVI			R586	1-249-431-11		10K	5%	1/4W
Q608	8-729-140-82	TRANSISTOR	2SA988-PAF	ΔΕΔ		R587	1-249-425-11		4.7K	5%	1/4W F
Q610		TRANSISTOR				 △ R588	1-249-393-11		10	5%	1/4W F
Q612		TRANSISTOR				R621	1-249-437-11		47K	5%	1/4W
Q613	8-729-281-53	TRANSISTOR	2SC1815-GI	₹`´							(DE915)
Q614		TRANSISTOR									,
						R622	1-247-840-00	CARBON	2.4K	5%	1/4W
Q615		TRANSISTOR	,	DE915)							909/VE910)
Q616	8-729-900-36			DE045)		R622	1-249-421-11	CARBON	2.2K	5%	1/4W F
Q617		TRANSISTOR				DCOO	1 040 414 11	OADDON	FC0	F0/	(DE915)
Q618		TRANSISTOR TRANSISTOR		DE915)		R623	1-249-414-11		560	5%	1/4W F
Q801	0-729-209-13	THANSISTUR	2302012			⚠ R624 ⚠ R625	1-249-408-11 1-249-408-11		180 180	5% 5%	1/4W F 1/4W F
		< RESISTOR >				Æ R626		ENCAPSULATE			
		\ TILUIUTUIT >				R627	1-247-850-11		6.2K	5%	1/4W
R521	1-249-437-11	CARBON	47K	5%	1/4W	11021	1 2 11 000 11	071112011	O.LIT	0 70	.,
			•	•	(DE915)	R628	1-249-419-11	CARBON	1.5K	5%	1/4W F
R522	1-247-840-00	CARBON	2.4K	5%	1/4W	R632	1-249-437-11	CARBON	47K	5%	1/4W
				(V9	09/VE910)	R640	1-216-450-00	METAL OXIDE	82	5%	2W F
R522	1-249-421-11	CARBON	2.2K	5%	1/4W F						(DE915)
					(DE915)						
R523	1-249-414-11		560	5%	1/4W F	R641	1-249-441-11	CARBON	100K	5%	1/4W
 A R524	1-249-408-11		180	5% 5%	1/4W F	DC 40	1 010 454 11	METAL OVER	200	F0/	(DE915)
⚠ R525	1-249-408-11	CARBON	180	5%	1/4W F	R642	1-216-454-11	METAL OXIDE	390	5%	2W F
⚠ R526 R527	1-233-352-41 1-247-850-11		ED COMPONE 6.2K	:NT 5%	1/4W	R642	1_215_000 00	METAL OXIDE	330	(V 5%	909/VE910) 2W F
IIJ4/	1-241-000-11	OMITOUN	U.ZR	J /0	1/ 4 VV	17042	1-213-009-00	IVIL IAL UNIDE	JJU	J /0	(DE915)
R528	1-249-419-11	CARBON	1.5K	5%	1/4W F	R643	1-249-441-11	CARBON	100K	5%	(DL913) 1/4W
R529	1-247-866-11		30K	5%	1/4W	R644		METAL OXIDE	470	5%	2W F
R530	1-249-421-11		2.2K	5%	1/4W F				-		(DE915)
R531	1-249-433-11		22K	5%	1/4W						` -/
R532	1-249-437-11		47K	5%	1/4W						
							The components	s identified by	Les compos	sants ide	ntifies par

The components identified by mark ♠ or dotted line with mark ♠ are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque ilda sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

AMP JOINT (F) AMP JOINT (B) AMP

AUDIO (2F) BALANCE DIGITAL

							•					
Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remark	<u>KS</u>
R645	1-249-441-11		100K	5%	1/4W (DE915)			< CONNECTOR				
R650 R651	1-249-425-11 1-249-429-11	CARBON	4.7K 10K	5% 5%	1/4W F 1/4W	CNS302	2 1-695-093-11		ECTOR 9P			
 ∆ R652	1-249-393-11	CARBON	10	5%	1/4W F			< IC >				
R739 R789	1-215-868-00 1-215-868-00	METAL OXIDE	680 680	5% 5%	1W F 1W F	IC303	8-759-805-14					
 ≜ R802 R803	1-249-381-11 1-247-843-11		1 3.3K	5% 5%	1/4W F 1/4W			< JACK >				
		< RELAY >				J304 J305	1-766-394-11 1-766-394-11	JACK, PIN 6P (' JACK, PIN 6P ('				
RY501 RY502	1-515-920-11	` '						< RESISTOR >				
RY602	1-515-920-11 1-515-793-11	` '				R318 R319	1-249-417-11 1-249-417-11		1K 1K	5% 5%	1/4W 1/4W	
		< TERMINAL >				R320	1-249-417-11	CARBON	1K	5%	1/4W	F
* TM501	1-537-699-11	TERMINAL BOAF	RD (SP) (FF	RONT SPE	AKERS)	R321 R322	1-249-417-11 1-249-417-11		1K 1K	5% 5%	1/4W 1/4W	-
*****	*******	*******	******	*******	*****	R323	1-249-417-11	CARRON	1K	5%	1/4W	F
*	1-665-791-11	AMP JOINT (F) B	OARD			R368	1-249-417-11		1K	5%	1/4W	
		******	-			R369	1-249-417-11		1K	5%	1/4W	F
						R370	1-249-417-11		1K	5%	1/4W	-
		< CONNECTOR >				R371	1-249-417-11	CARBON	1K	5%	1/4W	F
CNP501	1-770-553-11	CONNECTOR, BO	ARD TO BO	OARD 11P		R372	1-249-417-11	CARBON	1K	5%	1/4W	F
		CONNECTOR, BO				R373	1-249-417-11		1K	5%	1/4W	
*******	******	******	******	******	*****	R398	1-249-417-11	CARBON	1K	5%	1/4W	F
						R399	1-249-425-11		4.7K	5%	1/4W	-
*	1-665-792-11	AMP JOINT (B) E				******	******	*******	*****	******	*******	ĸ
						*	1-665-815-11	BALANCE BOAF	RD			
		< CONNECTOR >						*******				
ONDOO	1 770 550 11	0011150705 50	4 D D T O D	0400 440				\/AD\/AD\	010700			
		CONNECTOR, BO						< VARIABLE RE	SISTOR >			
		*******			*****	RV402	1-225-447-11	RES, VAR, CAR	BON 100K/1	00K (BAL	.ANCE)	
						******	******					ķ
*	1-665-786-11	AUDIO (2F) BOAI				*	A 4200 274 A	DIGITAL BOAR	D COMBLET	TE /DE01/	5)	
							A-4390-274-A	*******	*	`))	
		< CAPACITOR >				*	A-4403-423-A	DIGITAL BOAR			VE910)	
0000	1 100 000 01	0504440	10005	100/	501			********	*****	**		
C398 C399	1-162-282-31 1-162-294-31		100PF 0.001uF	10% 10%	50V 50V			< CAPACITOR >				
CC08	1-162-282-31		100PF	10%	50V 50V			COALACTION 2	•			
		(DE915	:AUS/VE91	0:AEP,UK,	G,AED,EE)	C3101	1-126-964-11	ELECT	10uF	20%	50V	
CC09	1-162-282-31		100PF	10%	50V	C3102	1-126-964-11	ELECT	10uF	20%	50V	
		•	:AUS/VE91			C3103	1-130-467-00		470PF	5%	50V	
CC10	1-162-282-31		100PF	10%	50V	C3104	1-130-467-00		470PF	5%	50V	
		(DE915	:AUS/VE91	U.AEP,UK,	G,AED,EE)	C3105	1-126-964-11	ELEUI	10uF	20%	50V	
CC11	1-162-282-31	CERAMIC	100PF	10%	50V	C3106	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
		(DE915	:AUS/VE91	0:AEP,UK,	G,AED,EE)	C3107	1-106-351-00		2200PF	5%	200V	
CC12	1-162-282-31		100PF	10%	50V	C3108		CERAMIC CHIP			50V	
0012	1 160 000 01	,	5:AUS/VE91 100PF		. ,	C3110	1-104-665-11	ELECT CERAMIC CHIP	100uF	20%	25V 25V	
CC13	1-162-282-31		5:AUS/VE91	10% 0:AEP,UK,	50V G,AED,EE)	C3111	1-104-222-11	CENAIVIIC CHIP	0.22uF		237	
CC58	1-162-282-31	,	100PF	10%	50V	C3112	1-126-964-11	ELECT	10uF	20%	50V	
			:AUS/VE91		,	C3113	1-126-964-11		10uF	20%	50V	
CC59	1-162-282-31		100PF	10%	50V	C3114		CERAMIC CHIP		000/	25V	
		(DE915	5:AUS/VE91	u:AEP,UK,	u,AED,EE)	C3115 C3116	1-126-967-11	ELECT CERAMIC CHIP	47uF 0.1uF	20%	16V 50V	
CC60	1-162-282-31		100PF 5:AUS/VE91	10%	50V	00110	1-100-018-11	OLIMINIO UNIP	v. i uF		JU V	
CC61	1-162-282-31	CERAMIC `	100PF	10%	50V							
ccco	1 160 000 01	•	5:AUS/VE91									
CC62	1-162-282-31	CERAMIC (DE915	100PF 5:AUS/VE91	10% Ι Ο ΔΕΡΙΙΚ	50V G AFD FF)	Г	The components	s identified by	Les compos	sants ide	ntifiés par	-
CC63	1-162-282-31		100PF	10%	50V		mark \triangle or dotted	l line with mark	une marque	e \Lambda sont		
		(DE915	:AUS/VE91	0:AEP,UK,	G,AED,EE)				pour la sécu Ne les remp	olacer qu		
							specified	1	nièce nortan			

Replace only with part number specified.

Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
C3117	1-164-232-11	CERAMIC CHIP	0.01uF		50V	C3346	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3118	1-164-232-11	CERAMIC CHIP	0.01ur 22PF	5%	50V 50V	C3347	1-165-319-11	CERAMIC CHIP	0.1uF 0.1uF		50V 50V
C3119	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	C3348	1-165-319-11		0.1uF		50V
C3120	1-165-319-11	CERAMIC CHIP	0.1uF	-,-	50V	C3351	1-165-319-11		0.1uF		50V
C3121	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3352	1-165-319-11	CERAMIC CHIP	0.1uF		50V
00100	1 104 005 11	FLEOT	100	000/	051/	00050	1 105 010 11	OEDAMIO OLUD	0.4		F0\/
C3122 C3151	1-104-665-11 1-126-964-11	ELECT ELECT	100uF 10uF	20% 20%	25V 50V	C3353 C3354	1-165-319-11 1-165-319-11	CERAMIC CHIP CERAMIC CHIP	0.1uF 0.1uF		50V 50V
C3151	1-126-964-11	ELECT	10uF	20%	50V 50V	C3355	1-165-319-11	CERAMIC CHIP	0.1uF 0.1uF		50V 50V
C3153	1-130-467-00	MYLAR	470PF	5%	50V	C3401	1-104-665-11		100uF	20%	25V
C3154	1-130-467-00	MYLAR	470PF	5%	50V	C3407	1-165-319-11		0.1uF	2070	50V
C3155	1-126-964-11	ELECT	10uF	20%	50V	C3408	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3156	1-165-319-11	CERAMIC CHIP	0.1uF	20 /0	50V	C3409	1-163-275-11	CERAMIC CHIP	0.101 0.001uF	5%	50V
C3157	1-106-351-00	MYLAR	2200PF	5%	200V	C3410	1-130-483-00	MYLAR	0.01uF	5%	50V
C3158	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3411	1-163-249-11	CERAMIC CHIP	82PF	5%	50V
C3160	1-104-665-11	ELECT	100uF	20%	25V	C3412	1-163-227-11	CERAMIC CHIP	10PF	0.5PF	50V
C3161	1-164-222-11	CERAMIC CHIP	0.22uF		25V	C3413	1-163-229-11	CERAMIC CHIP	12PF	5%	50V
C3162	1-126-964-11	ELECT	10uF	20%	50V	C3414	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3163	1-126-964-11	ELECT	10uF	20%	50V	C3415	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3164	1-164-222-11	CERAMIC CHIP	0.22uF		25V	C3416	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3166	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3417	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C3301	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	C3418	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3302	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3419	1-104-665-11	ELECT	100uF	20%	25V
C3303	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3420	1-165-319-11		0.1uF		50V
C3304	1-163-023-00	CERAMIC CHIP	0.015uF	5%	50V	C3421		CERAMIC CHIP	0.1uF		50V
C3305	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	C3422	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3306	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3423	1-165-319-11	CERAMIC CHIP	0.1uF		50V
				(VS	909/VE910)	C3424	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3307	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3425	1-163-251-11		100PF	5%	50V
C3308	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3426		CERAMIC CHIP	100PF	5%	50V
C3309	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3427	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3310 C3311	1-165-319-11 1-165-319-11	CERAMIC CHIP CERAMIC CHIP	0.1uF 0.1uF		50V 50V	C3429	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3311	1-165-319-11	CERAMIC CHIP	0.1uF 0.1uF		50V 50V	C3429	1-165-319-11	CERAMIC CHIP	0.1uF 0.1uF		50V 50V
00010	1 100 010 11	OLITAWIO OTIII	o. rui	(VS	909/VE910)	C3431	1-165-319-11		0.1uF		50V
				(,	C3432		CERAMIC CHIP	0.1uF		50V
C3314	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3433	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3315	1-163-275-11		0.001uF	5%	50V						
C3316		CERAMIC CHIP	0.001uF	5%	50V			CERAMIC CHIP	100PF	5%	50V
C3320		CERAMIC CHIP	0.022uF	10%	25V	C3435		CERAMIC CHIP	100PF	5%	50V
C3321	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3436 C3438		CERAMIC CHIP	0.1uF		50V
C3322	1-163-248-11	CERAMIC CHIP	75PF	5%	50V	C3436		CERAMIC CHIP	0.1uF 0.1uF		50V 50V
C3323	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	00403	1 100 010 11	OLITAWIO OTIII	o. rui		30 V
C3324	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3440	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3325	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3441	1-126-964-11	ELECT	10uF	20%	50V
C3326	1-164-232-11	CERAMIC CHIP	0.01uF		50V	C3442		CERAMIC CHIP	47PF	5%	50V
						C3443		CERAMIC CHIP	0.1uF		50V
C3327	1-136-921-11	FILM	1uF	5%	50V	C3444	1-126-933-11	ELECT	100uF	20%	16V
C3328 C3330	1-136-921-11	FILM CERAMIC CHIP	1uF	5%	50V 50V	C2447	1 165 010 11	CERAMIC CHIP	0.105		50V
C3331	1-165-319-11 1-104-665-11	ELECT	0.1uF 100uF	20%	25V	C3447 C3471		CERAMIC CHIP	0.1uF 0.1uF		50V 50V
C3332	1-165-319-11		0.1uF	20 /0	50V	C3471	1-130-490-11		0.101 0.039uF	5%	50V 50V
00002	1 100 010 11	OLITAWIIO OIIII	O. Tui		001	C3475		CERAMIC CHIP	0.1uF	0 70	50V
C3333	1-126-967-11	ELECT	47uF	20%	16V	C3476	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3334	1-130-495-00	MYLAR	0.1uF	5%	50V						
C3336	1-165-319-11		0.1uF	_	50V	C3477		CERAMIC CHIP	0.1uF		50V
C3337	1-163-099-00		18PF	5%	50V	C3478		CERAMIC CHIP	0.1uF	0.505	50V
C3338	1-163-085-00	CERAMIC CHIP	2PF		50V	C3479		CERAMIC CHIP	10PF	0.5PF	50V
C3339	1-126-964-11	ELECT	10uF	20%	50V	C3480 C3481	1-164-232-11 1-126-965-11	CERAMIC CHIP	0.01uF 22uF	20%	50V 50V
C3340	1-120-904-11	CERAMIC CHIP	0.01uF	ZU /0	50V 50V	03401	1-120-800-11	LLLUI	∠∠ui⁻	ZU /0	JUV
C3341	1-164-232-11		0.01uF		50V	C3482	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3342	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3483		CERAMIC CHIP	0.1uF		50V
C3345	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3484		CERAMIC CHIP	0.001uF	5%	50V
						C3485		CERAMIC CHIP	0.1uF		50V
						C3486	1-165-319-11	CERAMIC CHIP	0.1uF		50V

Case 1-16-5-19-11 CERAMIC CHIP 0-14	Ref. No.	Part No.	<u>Description</u>	0.1		Remarks 50V	Ref. No.	Part No.	<u>Description</u>	220PF	F0/	Remarks 50V
Casing 1-163-275-11 CERAMIC CHIP 0.1 0.0 0											5%	
C3492 1-165-319-11 CERAMIC CHIP 0.1					F0/							
Case					5%						5%	
Case 1-165-319-11 CERAMIC CHIP OLF SOV Case 1-130-47-70 MYLAR A Compose 5% SOV Case 1-136-319-11 CERAMIC CHIP OLF SOV Case 1-136-319-11 CERAMIC CH			-		20%							
Cases 1-163-227-11 CERAMIC CHIP DIFF SOV Cases 1-130-489-00 MYLAR Solor SNP SOV SOV Cases 1-165-319-11 CERAMIC CHIP DIFF SOV Cases 1-163-319-11 CERAMIC CHIP DIFF SOV Cases 1-130-489-00 MYLAR Cases 1-130-489-10 MYLAR Cases												
Cadaya					0.5PF							
C3598 1-168-319-11 CERAMIC CHIP 0.1 uF 50V C3566 1-130-469-00 MYLAR 0.0331 5% 50V C3567 1-168-319-11 CERAMIC CHIP 0.1 uF 50V C3572 1-128-964-11 ELECT 0.0 uF 50V C3572 1-128-964-11 ELECT 0.0 uF 2.0 % 50V C3573 1-128-964-11 ELECT 0.0 uF 2.0 % 50V C3574 1-128-964-11 ELECT 0.0 uF 2.0 % 50V C3575 1-128-964-11 ELECT	C3496	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3562	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3509 1-16s-319-11 CERAMIC CHIP 0.1 uF 50V C3565 1-130-487-00 WILAR 80PF 5% 50V C3561 1-16s-319-11 CERAMIC CHIP 0.1 uF 50V C3561 1-103-39-11 WILAR 220PF 5% 50V C3560 1-16s-319-11 CERAMIC CHIP 0.1 uF 50V C3561 1-153-39-11 WILAR 220PF 5% 50V C3570 1-16s-319-11 CERAMIC CHIP 0.1 uF 50V C3561 1-153-39-11 WILAR 220PF 5% 50V C3570 1-16s-319-11 CERAMIC CHIP 0.1 uF 50V C3571 1-16s-319-11 CERAMIC CHIP 0.1 uF 50V C3571 1-16s-319-11 CERAMIC CHIP 0.1 uF 50V C3571 1-16s-319-11 CERAMIC CHIP 0.1 uF 50V C3572 1-110-339-11 WILAR 220PF 5% 50V C3572 1-110-339-11 WILAR 220PF 5% 50V C3572 1-12s-964-11 ELECT 10 uF 20% 50V C3573 1-12s-964-11 ELECT 10 uF 20%											5%	
C3500											5%	
C3502 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3568 1-110-339-11 MYLAR 220PF 5% 50V C3570 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3571 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3573 1-126-984-11 ELECT 10uF 20% 50V C3573 1-126-984-11 ELECT 10uF 20% 50V C3573 1-126-984-11 ELECT 10uF 20% 50V C3574 1-126-984-11 ELECT 10uF 20% 50V C3576 1-126-984-11 ELECT 1	C3500	1-165-319-11	CERAMIC CHIP			50V	C3566	1-130-469-00	MYLAR			50V
C3503 1-110-339-11 MYLAR 220PF 5% 50V C3570 1-165-319-11 CERAMIC CHIP 0.1 F 50V C3570 1-165-319-11 CERAMIC CHIP 0.1 F 50V C3571 1-165-319-11 CERAMIC CHIP 0.1 F 50V C3571 1-165-319-11 CERAMIC CHIP 0.1 F 50V C3572 1-165-319-11 CERAMIC CHIP 0.1 F 50V C3573 1-126-964-11 ELECT 10 F 20% 50V C3574 1-126-964-11 ELECT 10 F 20% 50V C3575 1-126-964-11 ELECT 10	C3501	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3567	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C3506 1-10-339-11 MYLAR 220PF 5% 50V C3572 1-10-339-11 MYLAR 220PF 5% 50V C3572 1-110-339-11 MYLAR 220PF 5% 50V C3572 1-110-339-11 MYLAR 220PF 5% 50V C3573 1-126-964-11 ELECT 10uF 20% 50V C3574 1-126-964-11 ELECT 10uF 20% 50V C3575 1-126-964-11 ELECT 10uF 20% 50V C3576 1-165-319-11 CRAMIC CHIP 0.1uF 50V C3580 1-126-964-11 ELECT 10uF 20% 50V C3576 1-165-319-11 CRAMIC CHIP 0.1uF 50V C3580 1-126-964-11 ELECT 10uF 20% 50V C3576 1-165-319-11 C4574 C45												
C3505 1-110-339-11 MYLAR 220PF 5% 50V C3572 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3508 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3508 1-163-329-11 MYLAR 200PF 5% 50V C3509 1-110-339-11 MYLAR 200PF 5% 50V C3509 1-110-339-11 MYLAR 200PF 5% 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3510 1-130-469-00 MYLAR 680PF 5% 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3511 1-130-469-00 MYLAR 200PF 5% 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3513 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3509 1-126-964-11 ELECT 10uF 20% 50V C3518 1-126-964-11 ELECT 10uF 20% 50V C3520 1-130-469-00 MYLAR 600P 5% 50V C3520											5%	
C3507 1-126-964-11 ELECT 10uF 20% 50V C3573 1-126-964-11 ELECT 10uF 20% 50V C3509 1-101-0339-11 MVLAR 20PF 5% 50V C3575 1-126-964-11 ELECT 10uF 20% 50V C3510 1-130-477-00 MVLAR 0.0033uF 5% 50V C3576 1-126-964-11 ELECT 10uF 20% 50V C3511 1-130-469-00 MVLAR 0.0033uF 5% 50V C3576 1-126-964-11 ELECT 10uF 20% 50V C3511 1-130-469-00 MVLAR 0.0033uF 5% 50V C3576 1-126-964-11 ELECT 10uF 20% 50V C3512 1-103-39-11 MVLAR 20PF 5% 50V C3579 1-126-964-11 ELECT 10uF 20% 50V C3513 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3579 1-126-964-11 ELECT 10uF 20% 50V C3514 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3501 1-126-964-11 ELECT 10uF 20% 50V C3501 1-126-965-11 ELECT 20uF 20% 50V C3501 1-126-965-11												
C3598 1-16-329-11 CERAMIC CHIP 10PF 0.5PF 50V C3575 1-12-8-964-11 ELECT 10µF 20% 50V C3510 1-130-477-00 MYLAR 0.003µF 5% 50V C3576 1-128-964-11 ELECT 10µF 20% 50V C3511 1-130-469-00 MYLAR 220PF 5% 50V C3576 1-128-964-11 ELECT 10µF 20% 50V C3513 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3577 1-128-964-11 ELECT 10µF 20% 50V C3513 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3579 1-126-964-11 ELECT 10µF 20% 50V C3514 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3580 1-128-964-11 ELECT 10µF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3581 1-126-964-11 ELECT 10µF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3580 1-128-964-11 ELECT 10µF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3581 1-126-964-11 ELECT 10µF 20% 50V C3516 1-165-319-11 MYLAR 220PF 5% 50V C3581 1-126-964-11 ELECT 10µF 20% 50V C3518 1-126-964-11 ELECT 10µF 20% 50V C3519 1-126-964-11 ELECT 10µF 20% 50V C3519 1-126-964-11 ELECT 10µF 20% 50V C3520 1-130-469-00 MYLAR 220PF 5% 50V C3585 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3520 1-126-965-11 ELECT 22µF 20% 50V C3521 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3600 1-126-965-11 ELECT 22µF 20% 50V C3521 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3600 1-126-965-11 ELECT 22µF 20% 50V C3521 1-165-319-11 CERAMIC CHIP 0.1µF 50V C3660 1-126-965-11 ELECT 22µF 20% 50V C35331	C3506	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C3572	1-110-339-11	MYLAR	220PF	5%	50V
C3590 1-110-339-11 MYLAR 220PF 5% 50V C3576 1-126-964-11 ELECT 10uF 20% 50V C3511 1-130-469-00 MYLAR 680PF 5% 50V C3577 1-126-964-11 ELECT 10uF 20% 50V C3511 1-130-469-00 MYLAR 680PF 5% 50V C3577 1-126-964-11 ELECT 10uF 20% 50V C3513 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3530 1-126-964-11 ELECT 10uF 20% 50V C3514 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3530 1-126-964-11 ELECT 10uF 20% 50V C3515 1-110-339-11 MYLAR 220PF 5% 50V C3530 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3520 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CHARD CHIP 0.1uF 50V C3520 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CHARD CHIP 0.1uF 50V C3520 1-126-964-11 ELECT 10uF 20% 50V C3518 1-10-339-11 MYLAR 220PF 5% 50V C3534 1-126-964-11 ELECT 10uF 20% 50V C3518 1-10-339-11 MYLAR 220PF 5% 50V C3534 1-126-964-11 ELECT 10uF 20% 50V C3521 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3521 1-126-964-11 ELECT 10uF 20% 50V C3521 1-126-964-11 ELECT 20UF 20% 50V C3521 1-126-964-11 ELECT 10uF 20% 50V C3521 1-126-964-11 ELECT 20UF 20% 50V C3			-									
C3510												
C3512 1-110-339-11 MYLAR 220PF 5% 50V C3579 1-126-964-11 ELECT 10uF 20% 50V C3513 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 MYLAR 220PF 5% 50V C3580 1-126-964-11 ELECT 10uF 20% 50V C3516 1-165-319-11 MYLAR 220PF 5% 50V C3580 1-126-964-11 ELECT 10uF 20% 50V C3518 1-110-339-11 MYLAR 220PF 5% 50V C3580 1-126-964-11 ELECT 10uF 20% 50V C3519 1-130-467-00 MYLAR 200FF 5% 50V C3580 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-126-965-11 ELECT 22uF 20% 50V C3580 1-126-965-11 ELECT 10uF 20% 50V C3580 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-126-965-11 ELECT 22uF 20% 50V C3581 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3580 1-126-965-11 ELECT 22uF 20% 50V C3581 1-130-467-00 MYLAR 20PF 5% 50V C3680 1-126-965-11 ELECT 22uF 20% 50V C3581 1-130-467-00 MYLAR 470PF 5% 50V C3581 1-130-467-00												
C3513	C3511	1-130-469-00	MYLAR	680PF	5%	50V	C3577	1-126-964-11	ELECT	10uF	20%	50V
C3514 1-16-5-319-11 CERAMIC CHIP 0.1 UF 50V C3580 1-126-964-11 ELECT 10 UF 20% 50V C3516 1-10-339-11 MYLAR 220PF 5% 50V C3581 1-126-964-11 ELECT 10 UF 20% 50V C3516 1-130-349-11 CERAMIC CHIP 0.1 UF 50V C3582 1-126-964-11 ELECT 10 UF 20% 50V C3518 1-110-339-11 MYLAR 220PF 5% 50V C3582 1-126-964-11 ELECT 10 UF 20% 50V C3519 1-130-469-00 MYLAR 0.0033 UF 5% 50V C3585 1-165-319-11 CERAMIC CHIP 0.1 UF 50V C3520 1-130-469-00 MYLAR 0.0033 UF 5% 50V C3586 1-165-319-11 CERAMIC CHIP 0.1 UF 50V C3520 1-126-964-11 ELECT 22 UF 20% 50V C3520 1-126-964-11 ELECT 22 UF 20% 50V C3520 1-126-964-11 ELECT 10 UF 20% 50V C3520 1-126-964-11 ELECT 22 UF 20% 50V C3520 1-126-964-11 ELECT 10 UF 50V C3520 1-126-965-11 ELECT 22 UF 50V 50V C3520 1-126-965-11 ELECT 50V					5%							
C3515 1-110-339-11 MYLAR 220PF 5% 50V C3582 1-126-964-11 ELECT 10uF 20% 50V C3581 1-110-339-11 MYLAR 220PF 5% 50V C3583 1-126-964-11 ELECT 10uF 20% 50V C3518 1-110-339-11 MYLAR 220PF 5% 50V C3583 1-126-964-11 ELECT 10uF 20% 50V C3518 1-110-339-11 MYLAR 0.0033uF 5% 50V C3585 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3520 1-130-469-00 MYLAR 680PF 5% 50V C3586 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3520 1-126-964-11 ELECT 10uF 20% 50V C3520 1-126-964-11 ELECT 22uF 20% 50V C3520 1-126-964-11 ELECT 10uF 20% 50V C3520 1-126-964-11 ELECT 22uF 20% 50V C3520 1-126-964-11 EL												
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C3540 1-130-477-00 MYLAR 0.0033uF 5% 50V C3659 1-130-467-00 MYLAR 470PF 5% 50V C3641 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3662 1-130-467-00 MYLAR 470PF 5% 50V C3662 1-130-467-00 MYLAR 470PF 5% 50V C3665 1-130-467-00 MYLAR												
C3541 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3662 1-130-467-00 MYLAR 470PF 5% 50V C3642 1-130-469-00 MYLAR 680PF 5% 50V C3665 1-130-467-00 MYLAR 470PF 5% 50V C3544 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3546 1-130-469-00 MYLAR 680PF 5% 50V C3547 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3548 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3549 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3551 1-110-339-11 MYLAR 220PF												
C3542 1-130-469-00 MYLAR 680PF 5% 50V C3665 1-130-467-00 MYLAR 470PF 5% 50V C3543 1-110-339-11 MYLAR 220PF 5% 50V C3544 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3546 1-130-469-00 MYLAR 680PF 5% 50V C3547 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3547 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3548 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3549 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 MYLAR 220PF 5% 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 MYLAR 220PF 5% 50V C3550 1-165-					J /0							
C3544 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3545 1-130-469-00 MYLAR 680PF 5% 50V C3546 1-130-477-00 MYLAR 0.0033uF 5% 50V C3547 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3548 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3549 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V CN3301 1-569-309-11 SOCKET, CONNECTOR (L TYRE) 21P CN3302 1-569-309-11 SOCKET, CONNECTOR (L TYRE) 21P CN3302 1-691-767-11 PLUG (MICRO CONNECTOR) 5P CN3304 1-691-768-11 PLUG (MICRO CONNECTOR) 6P CN3					5%							
C3545 1-130-469-00 MYLAR 680PF 5% 50V C3546 1-130-477-00 MYLAR 0.0033uF 5% 50V C3547 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3548 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3549 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3550 1-165-319-11 CE					5%				< CONNECTOR >			
C3546 1-130-477-00 MYLAR 0.0033uF 5% 50V C3547 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3548 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3549 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-65-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-65-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-65-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-65-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-69-309-11 SOCKET, CONNECTOR (L TYRE) 21P CN3302 1-569-309-11 SOCKET, CONNECTOR (L TYRE) 21P CN3303 1-691-767-11 PLUG (MICRO CONNECTOR) 6P CN3304 1-691-768-11 PLU					5%		CN3301	1-569-309-11	SOCKET. CONNEC	CTOR (L TYP	RE) 21P	
CN3304 1-691-768-11 PLUG (MICRO CONNECTOR) 6P C3548 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3549 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V	C3546			0.0033uF	5%	50V	CN3302	1-569-309-11	SOCKET, CONNEC	CTOR (L TYP	RE) 21P	
C3548 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3549 1-110-339-11 MYLAR 220PF 5% 50V C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V	C3547	1-165-319-11	CERAMIC CHIP	0.1uF		50V						
C3550 1-165-319-11 CERAMIC CHIP 0.1uF 50V C3551 1-110-339-11 MYLAR 220PF 5% 50V					F.C.'					,		
C3551 1-110-339-11 MYLAR 220PF 5% 50V					5%							
					5%							
		1-110-339-11	MYLAR	220PF	5%	50V						

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
1101. 110.	rait ivo.		Homarko			<u> </u>	
		< DIODE >			8-759-636-55 8-759-636-55		
D3303	8-719-061-62	DIODE KV1851			8-759-636-55		
D3401		DIODE KV1560			8-759-636-55		
D3402		DIODE 1SS184		IC3507	8-759-636-55	IC M5218AFF)
D3404		DIODE 1SS184					
D3407	8-719-820-05	DIODE 1SS181			8-759-636-55		
D3409	0 710 001 70	DIODE 1SS184			8-759-636-55 8-759-636-55		
		DIODE 133164 DIODE 1SS184			8-759-636-55		
DOTTO	0 7 10 001 70	DIODE TOOTOT			8-759-636-55		
		< FERRITE BEAD >					
					8-759-636-55		
		FERRITE BEAD INDUCTOR			8-759-636-55		
		FERRITE BEAD INDUCTOR FERRITE BEAD INDUCTOR			8-759-636-55 8-759-463-71		
		FERRITE BEAD INDUCTOR			8-759-463-71		
	1-414-813-21			100017	0 700 100 71	10 207000111	
						< JACK >	
	1-414-813-21						
FB3407	1-414-813-21	INDUCTOR OUH		J3301			(LD IN COAXIAL)(V909/VE910)
		. FILTED .		J3302	1-779-701-11	JACK, PIN 1P	(LD/DVD IN)
		< FILTER >				< COIL >	
FL3301	1-233-866-11	FILTER, BAND PASS				(001E >	
		,		L3301	1-410-391-11	INDUCTOR CH	IIP 68uH
		< IC >		L3401	1-426-850-11	` '	
				L3402	1-410-381-11		
		IC M5218AFP IC M5218AFP		L3403	1-410-381-11 1-410-381-11		
		IC M5218AFP		L3404	1-410-301-11	INDUCTOR CO	IIP TOUR
		IC CXD8681M-TP		L3405	1-410-381-11	INDUCTOR CH	IIP 10uH
		IC M5F78M05L					
						< TRANSISTO	R >
		IC NJM79L05UA		00001	0.700.000.40	TDANCICTOR	0000710 V0
		IC TC7WU04F IC TC74HC393AF-TP1		Q3301	8-729-230-49 8-729-230-49		
		IC TORX178 (LD/DVD IN)		Q3302	8-729-216-22		
		IC TORX178 (CD IN)		Q3304	8-729-230-49		
				Q3305	8-729-230-49	TRANSISTOR	2SC2712-YG
		IC TORX178 (DAT/MD IN)					
		IC TOTX178 (DAT/MD OUT) IC MC14577CF			8-729-216-22		
		IC M5218AFP			8-729-027-43		DTC114EKA-T146
		IC NJM79L05UA					DTC114EKA-T146
					8-729-216-22		
		IC SN-PM4007A					
		IC IDT71256SA20Y-TL					DTC114EKA-T146
103311	8-759-326-72	IC CXD8521M IC TC74HC151AF-TP1			8-729-216-22		2SA1162-G DTC114EKA-T146
IC3314	8-759-242-70	IC TC7WU04F (V909/VE910)					
100011	0 700 212 70	10 107 100 11 (1000/12010)					DTC114EKA-T146
IC3401	8-759-370-62	IC CXD8505BQ					
IC3402	8-759-370-62	IC CXD8505BQ					2SK302-GR-TE85L
IC3403	8-759-370-62	IC CXD8505BQ					2SK302-GR-TE85L
103407	8-759-233-26	IC CXD8505BQ IC CXD8505BQ IC TC74HC393AF-TP1 IC TC74HCU04AF		Q3403 Q3404	8-729-230-49 8-729-230-49		
103400	0-739-233-04	10 1074110004AI			8-729-230-49		
IC3409	8-759-250-81	IC TC5081AP		40 100	0 720 200 10		2002772 70
				Q3406	8-729-230-49	TRANSISTOR	2SC2712-YG
IC3411	8-759-436-44	IC DSP56009FJ88F IC IDT71024S20Y-TL IC SSP424023FJ88					DTC114EKA-T146
IC3412	8-759-446-40	IC SSP424023FJ88		Q3501			2SC3624A-L15
103413	o-/59-488-55	IC MB90641APF-G-104BND					2SC3624A-L15 2SC3624A-L15
IC3414	8-759-232-65	IC TC74HC157AF		นูงขบง	U-125-1U1-40	MANOIOIUN	200002 4 A-L 13
		IC TC74HCU04AF		Q3504	8-729-107-46	TRANSISTOR	2SC3624A-L15
		IC TC7WU04F		Q3505	8-729-107-46	TRANSISTOR	2SC3624A-L15
		IC M5218AFP					2SC3624A-L15
IC3502	8-759-636-55	IC M5218AFP		Q3511			2SC3624A-L15
				u3512	o-729-107-46	TRANSISTOR	2SC3624A-L15

Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>	Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>
Q3513	8-729-107-46	TRANSISTOR	2SC3624A-L	15		R3311	1-216-022-00	METAL CHIP	75	5%	1/10W
Q3514		TRANSISTOR				R3312	1-216-025-91	METAL GLAZE	100	5%	1/10W
Q3515		TRANSISTOR									909/VE910)
Q3516		TRANSISTOR				R3313	1-216-022-00	METAL CHIP	75	5%	1/10W
Q3517	8-729-107-46	TRANSISTOR	2SC3624A-L	15		R3314	1-216-022-00	METAL CHIP	75	5%	1/10W
Q3518	8-729-107-46	TRANSISTOR	000004441	1 5		D221E	1 016 005 01	METAL CLAZE	100	5%	1/10W
Q3519		TRANSISTOR				R3315	1-216-025-91	METAL GLAZE	100		909/VE910)
Q3520		TRANSISTOR				R3316	1-216-073-00	METAL CHIP	10K	5%	1/10W
Q3521		TRANSISTOR				R3317	1-216-049-91	METAL GLAZE	1K	5%	1/10W
Q3522		TRANSISTOR									
						R3318	1-216-049-91	METAL GLAZE	1K	5%	1/10W
		< RESISTOR >				R3319	1-216-083-00	METAL CHIP	27K	5%	1/10W
						R3320	1-216-043-91	METAL GLAZE	560	5%	1/10W
R3100	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3321	1-216-024-00	METAL GLAZE	91	5%	1/10W
R3101	1-216-065-00		4.7K	5%	1/10W	R3322	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3102	1-216-065-00		4.7K	5%	1/10W						
R3103	1-216-065-00		4.7K	5%	1/10W	R3323	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3104	1-216-053-00	METAL CHIP	1.5K	5%	1/10W	R3324	1-216-049-91	METAL GLAZE	1K	5%	1/10W
D0405	4 040 047 04		47	5 0/	4 /4 00 44	R3325	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3105	1-216-017-91		47	5%	1/10W	R3326	1-216-029-00	METAL CHIP	150	5%	1/10W
R3106	1-216-065-00		4.7K	5%	1/10W	R3327	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3107	1-216-053-00		1.5K	5%	1/10W	Dagge	1 010 040 01	METAL OLAZE	41/	E0/	1/10//
R3108	1-216-017-91		47	5%	1/10W	R3328	1-216-049-91	METAL GLAZE METAL GLAZE	1K	5% 5%	1/10W
R3109	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3329	1-216-049-91		1K	5% 5%	1/10W
R3110	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3330 R3331	1-216-049-91 1-216-055-00	METAL GLAZE METAL CHIP	1K 1.8K	5% 5%	1/10W 1/10W
R3111	1-216-003-00		4.7K 10K	5% 5%	1/10W	R3332	1-216-033-00	METAL CHIP	1.0K 10K	5% 5%	1/10W
R3112	1-216-073-00	METAL CHIP	120	5% 5%	1/10W	noooz	1-210-073-00	WIETAL UTIF	IUK	J /0	1/1000
R3113	1-216-027-00		120 10K	5%	1/10W	R3333	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3114	1-216-025-91		100	5%	1/10W	R3334	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
110111	1 210 020 01	WEINE GENZE	100	0 70	1/1011	R3335	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3115	1-216-025-91	METAL GLAZE	100	5%	1/10W	R3336	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3116	1-216-121-91		1M	5%	1/10W	R3337	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R3117	1-216-041-00		470	5%	1/10W						
R3118	1-216-025-91		100	5%	1/10W	R3338	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3119	1-216-025-91	METAL GLAZE	100	5%	1/10W	R3339	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
						R3340	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3120	1-216-025-91	METAL GLAZE	100	5%	1/10W	R3341	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3121	1-216-043-91	METAL GLAZE	560	5%	1/10W	R3342	1-216-063-91	METAL GLAZE	3.9K	5%	1/10W
R3123	1-216-041-00	METAL CHIP	470	5%	1/10W						
R3124	1-216-041-00		470	5%	1/10W	R3343	1-216-065-00		4.7K	5%	1/10W
R3150	1-216-065-00	METAL CHIP	4.7K	5%	1/10W		1-216-093-00		68K	5%	1/10W
				==.		R3345	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3151	1-216-065-00		4.7K	5%	1/10W	R3346	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3152	1-216-065-00		4.7K	5%	1/10W	R3347	1-216-089-91	METAL GLAZE	47K	5%	1/10W
R3153	1-216-065-00		4.7K	5%	1/10W	D0040	1 010 007 00	METAL CLUD	100	E0/	1/10/4/
R3154 R3155	1-216-053-00	METAL CHIP	1.5K	5% 5%	1/10W	R3348 R3349	1-216-027-00 1-216-089-91	METAL CHIP METAL GLAZE	120 47K	5% 5%	1/10W 1/10W
N3133	1-210-017-91	IVIETAL GLAZE	47	370	1/10W	R3350	1-216-089-91	METAL GLAZE	47K 47K	5% 5%	1/10W
R3156	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3351	1-216-003-91		47 K	5%	1/10W
R3157	1-216-053-00		1.5K	5%	1/10W	R3352	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3158		METAL GLAZE	47	5%	1/10W	110002	1 210 020 01	WEINE GENZE	100	0 70	171000
R3159	1-216-065-00		4.7K	5%	1/10W	R3353	1-216-025-91	METAL GLAZE	100	5%	1/10W
R3160	1-216-065-00		4.7K	5%	1/10W	R3354	1-216-073-00		10K	5%	1/10W
					.,	R3355	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3161	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3356	1-216-081-00		22K	5%	1/10W
R3162	1-216-027-00	METAL CHIP	120	5%	1/10W	R3357	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3163	1-216-073-00		10K	5%	1/10W						
R3301	1-216-022-00	METAL CHIP	75	5%	1/10W	R3358	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3302	1-216-295-91	CONDUCTOR,	CHIP (2012)			R3359	1-216-049-91	METAL GLAZE	1K	5%	1/10W
						R3360	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3303	1-216-081-00		22K	5%	1/10W	R3361	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3304	1-216-065-00		4.7K	5%	1/10W	R3362	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3305	1-216-029-00		150	5%	1/10W						
R3306	1-216-065-00		4.7K	5%	1/10W	R3363	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3307	1-216-022-00	METAL CHIP	75	5%	1/10W	R3364	1-216-049-91	METAL GLAZE	1K	5%	1/10W
				(V9	009/VE910)	R3365	1-216-049-91	METAL GLAZE	1K	5%	1/10W
DOCCO	1 010 070 00	METAL CLUB	101/	E0/	4/40/4/	R3366	1-216-073-00	METAL CHIP	10K	5% 5%	1/10W
R3309	1-216-073-00	IVIETAL CHIP	10K	5%	1/10W	R3367	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3310	1 216 022 02	METAL CHIP	75		009/VE910)						
n3310	1-216-022-00	IVIE IAL UNIP	70	5%	1/10W	I					

Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>	Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>
R3368	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3429	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3369	1-216-041-00	METAL CHIP	470	5%	1/10W	R3430	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3370	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3431	1-216-295-91	CONDUCTOR, O	CHIP (2012)		
R3371	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3432	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3372	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3433	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
D0070	1 010 040 04	METAL OLAZE	41/	F 0/	4 /4 OW	D0404	1 010 005 01	COMPLICATOR (VIIID (0040)		
R3373	1-216-049-91	METAL GLAZE	1K 1K	5%	1/10W	R3434	1-216-295-91 1-216-065-00	CONDUCTOR, O METAL CHIP	,	E0/	1/10W
R3374 R3375	1-216-049-91 1-216-049-91	METAL GLAZE METAL GLAZE	1K 1K	5% 5%	1/10W 1/10W	R3435 R3436	1-216-065-00	METAL CHIP	4.7K 4.7K	5% 5%	1/10W
R3376	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3437	1-216-065-00	METAL CHIP	4.7K 4.7K	5%	1/10W
R3377	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3438	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3378	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3439	1-216-295-91	CONDUCTOR, O	CHIP (2012)		
R3379	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3440	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3380	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3441	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3381	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3442	1-216-295-91	CONDUCTOR, O	. ,		
R3382	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3443	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
מממח	1 016 000 01	METAL CLAZE	171/	E0/	1/10W	D2444	1 016 065 00	METAL CUID	171/	5%	1/10W
R3383 R3384	1-216-089-91 1-216-057-00	METAL GLAZE METAL CHIP	47K 2.2K	5% 5%	1/10W 1/10W	R3444 R3445	1-216-065-00 1-216-073-00	METAL CHIP METAL CHIP	4.7K 10K	5% 5%	1/10W
R3385		METAL GLAZE	2.2K 1K	5% 5%	1/10W	R3446	1-216-295-91	CONDUCTOR, (J /0	1/1000
R3386	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3447	1-216-293-91	METAL CHIP	470	5%	1/10W
R3387	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3448	1-216-295-91	CONDUCTOR, (012)	1/1000
110007	1 210 070 00	WEIAL OIIII	TOIL	3 70	1/1000	110440	1 210 233 31	OONDOOTON, C	///// (2	012)	
R3388	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3449	1-216-295-91	CONDUCTOR, O	CHIP (2012)		
R3389	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3450	1-216-295-91	CONDUCTOR, O			
R3390	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3451	1-216-295-91	CONDUCTOR, O			
R3391	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3452	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3392	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3453	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3393	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3454	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3394	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3455	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3395		METAL CHIP	10K	5%	1/10W	R3456	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3396	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3457	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3397	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3458	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3398	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3459	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3399	1-216-073-00	METAL CHIP	10K	5% 5%	1/10W	R3460	1-216-308-00	METAL CHIP	4.7	5% 5%	1/10W
R3400	1-216-073-00	METAL GLAZE	1K	5% 5%	1/10W	R3461	1-216-295-91	CONDUCTOR, (J /0	1/1000
R3401	1-216-043-31	METAL GLAZE	2.2K	5%	1/10W	R3462	1-216-295-91	CONDUCTOR, C			
R3402	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3465	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
110402	1 210 043 31	WILTAL GLAZE	TIX.	3 70	1/1000	110400	1 210 000 00	WEIAL OIIII	7.710	3 70	1/1000
R3403	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3466	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3404	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3479	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3405	1-216-295-91	CONDUCTOR, CH	IIP (2012)			R3480	1-216-121-91	METAL GLAZE	1M	5%	1/10W
R3406	1-216-295-91	CONDUCTOR, CH	IIP (2012)			R3501	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3407	1-216-295-91	CONDUCTOR, CH	IIP (2012)			R3502	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3408	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3503		METAL CHIP	10K	5%	1/10W
R3409	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	R3504	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3410	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R3505	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3411	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3506	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3412	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3507	1-216-295-91	CONDUCTOR, O	HIP (2012)		
D2/12	1-216-295-91	CONDUCTOR, CH	IID (2012)			R3508	1-216-073-00	METAL CUID	101/	5%	1/10W
R3413 R3414	1-216-295-91					R3509	1-216-073-00	METAL CHIP	10K 8.2K	5% 5%	1/10W
R3415	1-216-295-91					R3510	1-216-295-91	CONDUCTOR, (J /0	1/1000
R3416	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3511	1-216-233-31	METAL GLAZE	1K	5%	1/10W
R3417		METAL GLAZE	47	5%	1/10W	R3512	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
110-117	1 210 017 31	WILTAL GLAZE	71	3 70	1/1000	110012	1 210 007 00	WEIZE OIIII	2.21	3 /0	1/1000
R3418	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3513	1-216-295-91	CONDUCTOR, O	CHIP (2012)		
R3419	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3514	1-216-049-91	METAL GLAZE	1K	5%	1/10W
R3421	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3515	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R3422	1-216-295-91	CONDUCTOR, CH	IIP (2012)			R3516	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3423		CONDUCTOR, CH	` ,			R3517	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3424	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3518	1-216-071-00		8.2K	5%	1/10W
R3425	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3519	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R3426	1-216-065-00		4.7K	5%	1/10W	R3520	1-216-295-91	CONDUCTOR, C	, ,	F0/	4/400**
R3427	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3521	1-216-062-00	METAL CHIP	3.6K	5%	1/10W
R3428	1-216-295-91	CONDUCTOR, CH	IIP (2012)			R3522	1-216-073-00	WE IAL CHIP	10K	5%	1/10W

Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
R3523	1-216-054-00	METAL GLAZE	1.6K	5%	1/10W	R3583	1-216-081-00	METAL CHIP	22K	5%	1/10W
R3524	1-216-061-00	METAL CHIP	3.3K	5%	1/10W	R3584		CONDUCTOR, C		J /0	1/1000
R3525	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	R3586		CONDUCTOR, C			
R3526	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3587		CONDUCTOR, C			
R3527	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3588	1-216-073-00		10K	5%	1/10W
R3528	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3589	1-216-073-00	METAL CHID	10K	5%	1/10W
R3529	1-216-065-00	METAL CHIP	4.7K 4.7K	5%	1/10W 1/10W	R3590	1-216-073-00		10K	5%	1/10W
R3530	1-216-081-00	METAL CHIP	22K	5%	1/10W	R3591		CONDUCTOR, C		J /0	1/1000
R3531	1-216-081-00		22K	5%	1/10W 1/10W	R3592		CONDUCTOR, C			
R3532	1-216-121-91		1M	5%	1/10W	R3594	1-216-071-00		8.2K	5%	1/10W
R3533	1-216-109-00	METAL CHIP	330K	5%	1/10W	R3595	1-216-073-00	METAL CHID	10K	5%	1/10W
R3534	1-216-109-00	METAL CHIP	330K	5%	1/10W 1/10W	R3596		METAL GLAZE	100K	5%	1/10W
R3535	1-216-062-00	METAL CHIP	3.6K	5%	1/10W 1/10W	R3597	1-216-065-00		4.7K	5%	1/10W
R3536	1-216-061-00		3.3K	5%		R3598	1-216-065-00		4.7K 4.7K	5%	1/10W
					1/10W				4.7K 470		
R3537	1-216-055-00	METAL CHIP	1.8K	5%	1/10W	R3599	1-216-041-00	METAL CHIP	470	5%	1/10W
R3538	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3600	1-216-041-00	METAL CHIP	470	5%	1/10W
R3539	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3601	1-216-041-00	METAL CHIP	470	5%	1/10W
R3540	1-216-054-00	METAL GLAZE	1.6K	5%	1/10W	R3602	1-216-041-00	METAL CHIP	470	5%	1/10W
R3541	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3603	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3542	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3604	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
B0540	4 040 005 00	METAL OLUB	4 716	5 0/	4 (4 0) 4 (D0005		METAL OLUB	470	5 0/	4.4.004
R3543	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	R3605	1-216-041-00		470	5%	1/10W
R3544	1-216-097-91	METAL GLAZE	100K	5%	1/10W	R3606	1-216-041-00		470	5%	1/10W
R3545	1-216-121-91	METAL GLAZE	1M	5%	1/10W	R3607	1-216-065-00		4.7K	5%	1/10W
R3546	1-216-121-91		1M	5%	1/10W	R3608	1-216-065-00		4.7K	5%	1/10W
R3547	1-216-121-91	METAL GLAZE	1M	5%	1/10W	R3609	1-216-041-00	METAL CHIP	470	5%	1/10W
R3548	1-216-121-91	METAL GLAZE	1M	5%	1/10W	R3610	1-216-041-00	METAL CHIP	470	5%	1/10W
R3549	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3611	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3550	1-216-081-00	METAL CHIP	22K	5%	1/10W	R3612	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3551	1-216-121-91	METAL GLAZE	1M	5%	1/10W	R3613	1-216-041-00	METAL CHIP	470	5%	1/10W
R3552	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3614	1-216-041-00	METAL CHIP	470	5%	1/10W
R3553	1-216-081-00	METAL CHIP	22K	5%	1/10W	R3615	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3554	1-216-295-91	CONDUCTOR, CH		0 70	1/1000	R3616	1-216-065-00		4.7K	5%	1/10W
R3555	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3617	1-216-041-00		470	5%	1/10W
R3556	1-216-073-00		10K	5%	1/10W	R3618	1-216-041-00		470	5%	1/10W
R3557	1-216-071-00		8.2K	5%	1/10W	R3619	1-216-065-00		4.7K	5%	1/10W
	1-216-071-00		8.2K	5%	1/10W	R3620	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3559	1-216-295-91	CONDUCTOR, CH	IP (2012)			R3621	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3560	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3622	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3561	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	R3623	1-216-097-91	METAL GLAZE	100K	5%	1/10W
R3562	1-216-295-91	CONDUCTOR, CH	IP (2012)			R3627	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3563	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3628	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3564	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	R3631	1-216-079-00		18K	5%	1/10W
R3565	1-216-295-91	CONDUCTOR, CH				R3632		METAL GLAZE	2K	5%	1/10W
R3566	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3633	1-216-079-00		18K	5%	1/10W
R3567	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3634	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R3568	1-216-071-00	METAL CHID	8.2K	5%	1/10W	R3635	1-216-079-00	METAL CHID	18K	5%	1/10W
R3569	1-216-071-00	METAL CHIP	8.2K	5%	1/10W 1/10W	R3636		METAL GLAZE	2K	5%	1/10W
R3570	1-216-295-91	CONDUCTOR, CH		J /0	1/1000	R3637	1-216-030-00		18K	5%	1/10W
				E0/	1/10\\						
R3571	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3638		METAL GLAZE	2K	5%	1/10W
R3572	1-216-071-00	METAL CHIP	8.2K	5%	1/10W	R3639	1-216-079-00	METAL CHIP	18K	5%	1/10W
R3573	1-216-071-00		8.2K	5%	1/10W	R3640		METAL GLAZE	2K	5%	1/10W
R3574	1-216-295-91	CONDUCTOR, CH	IP (2012)			R3641	1-216-079-00		18K	5%	1/10W
R3575	1-216-049-91	METAL GLAZE	1K	5%	1/10W	R3642	1-216-056-00	METAL GLAZE	2K	5%	1/10W
R3576	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	R3650	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3577	1-216-295-91	CONDUCTOR, CH	IP (2012)			R3651	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R3578	1-216-121-91	METAL GLA7F	1M	5%	1/10W	R3652	1-216-073-00	METAL CHIP	10K	5%	1/10W
R3579	1-216-073-00	METAL CHIP	10K	5%	1/10W	R3653		CONDUCTOR, C		5 / 5	.,
R3580	1-216-081-00	METAL CHIP	22K	5%	1/10W	R3654	1-216-233-31	,	10K	5%	1/10W
R3581	1-216-121-91		1M	5%	1/10W	R3655		CONDUCTOR, C		J /0	1, 10 **
R3582	1-216-073-00		10K	5%	1/10W 1/10W	R3656	1-216-255-51		4.7K	5%	1/10W
110002	1 210-010-00	WILLIAL UTIL	1011	J /0	1/1000	110000	1 Z 10-003-00	WILLIAL VIIII	T./ IX	J /0	1/1000

DIGITAL DISPLAY L.B

Ref. No.	Part No.	Description			<u>Remarks</u>	Ref. No.	Part No.	Description			Remarks
R3657	1-216-065-00	•	4.7K	5%	1/10W	C106	1-164-159-11	· · · · · · · · · · · · · · · · · · ·	0.1uF		50V
R3658	1-216-073-00		10K	5%	1/10W	C111	1-126-786-11		47uF	20%	16V
R3659		CONDUCTOR, CH		F0/	4.4004	C113	1-126-786-11		47uF	20%	16V
R3660 R3661	1-216-073-00 1-216-295-91	CONDUCTOR, CH	10K IP (2012)	5%	1/10W	C115 C116	1-104-905-11 1-164-159-11		0.22F 0.1uF		5.5V 50V
110001	1 210 200 01	00112001011, 011	(2012)			0110	1 101 100 11	0211/11/110	0.141		001
R3662	1-216-073-00		10K	5%	1/10W	C117	1-164-159-11		0.1uF	000/	50V
R3663 R3664	1-216-295-91	CONDUCTOR, CH	10K	5%	1/10W	C135 C140	1-126-795-11 1-126-786-11		10uF 47uF	20% 20%	50V 16V
R3665	1-216-075-00		4.7K	5%	1/10W	C141	1-164-159-11		0.1uF	20 /0	50V
R3666	1-216-065-00	METAL CHIP	4.7K	5%	1/10W	C142	1-164-159-11	CERAMIC	0.1uF		50V
R3667	1-216-073-00	METAL CUID	10K	5%	1/10W			< CONNECTOR >			
R3668		CONDUCTOR, CH		J /0	1/1000			< GOINNEGTOR >			
R3669	1-216-073-00		10K	5%	1/10W	CNP101	1-779-365-11	CONNECTOR, PC	BOARD (PI	LUG) 8P	
R3670		CONDUCTOR, CH	. ,	5 0/	4404			HOUSING, CONN			IP .
R3671	1-216-073-00	METAL CHIP	10K	5%	1/10W			CONNECTOR, BO SOCKET, CONNEC			
R3672	1-216-295-91	CONDUCTOR, CH	IP (2012)					SOCKET, CONNEC		NL) 13F	
R3673	1-216-065-00		4.7K	5%	1/10W						
R3674	1-216-065-00		4.7K	5%	1/10W	CNS107	1-568-438-11	SOCKET, CONNE	CTOR 17P		
R3675 R3676	1-216-073-00	METAL CHIP CONDUCTOR, CH	10K	5%	1/10W			< DIODE >			
N3070	1-210-290-91	CONDUCTOR, CIT	IF (2012)					< DIODE >			
R3677	1-216-073-00		10K	5%	1/10W	D101		DIODE SEL6810			
R3678		CONDUCTOR, CH	. ,	E0/	1/1014	D102		DIODE SEL6810			
R3679 R3680	1-216-065-00 1-216-065-00		4.7K 4.7K	5% 5%	1/10W 1/10W	D103 D104		DIODE SEL6810 DIODE SEL6810			
R3681	1-216-073-00		10K	5%	1/10W	D104		DIODE SEL6810			
									,	,	
R3682 R3683	1-216-295-91 1-216-073-00	CONDUCTOR, CH	IP (2012) 10K	5%	1/10W	D106 D107		DIODE SEL6810			
R3684		CONDUCTOR, CH		J /0	1/1000	D107		DIODE SEL6810			
R3701		METAL GLAZE	100K	5%	1/10W	D109		DIODE SEL6810			
R3702	1-216-097-91	METAL GLAZE	100K	5%	1/10W	D110	8-719-313-45	DIODE SEL6810	DA-TH10 (VI	DEO 1)	
R3703	1_216_205_01	CONDUCTOR, CH	ID (2012)			D111	8_710_313_45	DIODE SEL6810	Δ-TH10 (D)	IRECT DA	(22
R3704		CONDUCTOR, CH				D115		DIODE SEL6810			.00)
R3706		CONDUCTOR, CH				D116	8-719-313-45	DIODE SEL6810)A-TH10 (TO	ONÉ)	
						D117		DIODE SEL6810			
		< VARIABLE RESI	STOR >			D118	8-/19-313-45	DIODE SEL6810)A-TH10 (B/	ASS BOO	SI)
RV3301	1-241-765-11	RES, ADJ, CARBO	N 22K			D119	8-719-313-43	DIODE SEL6210)S-TH10 (S ⁻ .US/V909/VI		
		< VIBRATOR >				D133	8-719-987-63	DIODE 1N4148		20.0)	
						D134		DIODE 11ES2-N			
X3302 X3401		VIBRATOR, CRYS		2MHz		D135 D142		DIODE SEL5923 DIODE 1N4148		ISCRETE)	
X3401 X3501		VIBRATOR, CERA VIBRATOR, CRYS		BMHz		D142	0-719-907-03	DIODE IN41401	VI		
		*******			*****	D143		DIODE 1N4148			
.	A 4000 00E A	DICDLAY DOADD	COMPLET	T /DE04/	ETTIC CVIDA	D144	8-719-987-63	DIODE 1N4148	M		
*	A-4398-225-A	DISPLAY BOARD			อ:บอ,บทบ)			< FILTER >			
*	A-4398-246-A	DISPLAY BOARD	,	`	5:AUS)	FL101	1-517-671-11	INDICATOR TUBE	FILIORES	CENT	
*	A-4398-281-A	DISPLAY BOARD	, COMPLET	E (DE91	5:PX)	12101	1-317-071-11	< IC >	_,	OLIVI	
*	A-4398-284-A	DISPLAY BOARD	, COMPLET	E (V909/	VE910)	10404	0.750.450.04				
		**************************************	******	: 36		IC101 IC103		IC NJL56H400 IC MB90673PF-	G-206-RND		
		******				IC106	8-759-962-08		G 200 3.12		
						IC107		IC TD62C950RF			
*	4-921-941-01 4-990-797-01	CUSHION (FL)				IC108	8-759-999-53	IC MSC1164GS	-K		
•	T-000-101-01	HOLDLIN (I L)						< COIL >			
		< CAPACITOR >				1404	1 410 500 11		1011		
C101	1-164-159-11	CERAMIC	0.1uF		50V	L101	1-410-509-11	ואטטטוואל 1	I0uH		
C102	1-164-159-11		0.1uF		50V						
C103	1-164-159-11		0.1uF		50V						
C104	1-164-159-11		0.1uF		50V						
C105	1-164-159-11	CEKAMIC	0.1uF		50V	1					

DISPLAY

L.B

HEADPHONE

Ref. No.	Part No.	Description			Rema	rks	Ref. No.	Part No.	Description			Remarks
1101. 140.	<u>r art wo.</u>	<u> </u>	5		rtoma	IKO			-	4014	50 /	
		< TRANSISTO	Η>				R164	1-249-429-11		10K	5%	1/4W
Q101	0 700 000 06	TDANCICTOD	DTC104EC				R165 R166	1-249-429-11 1-249-429-11		10K 10K	5% 5%	1/4W 1/4W
Q103		TRANSISTOR TRANSISTOR						1-249-429-11		330	5% 5%	1/4VV 1/4W
Q103		TRANSISTOR		Vana/VE	010)		R188 R189	1-249-413-11		470	5% 5%	1/4VV 1/4W F
Q10 4		TRANSISTOR		V 303/ V L 3	310)		11103	1-243-410-11	OANDON	470	J /0	1/400 1
Q 100	0 723 300 00	THANOIOTON		5:AUS/V	909//F9 ⁻	10)	R190	1-249-415-11	CARRON	680	5%	1/4W F
			(DEG)	0.7 (OO, V	000/ V L 0	10)	R191	1-249-417-11		1K	5%	1/4W F
Q106	8-729-900-36	TRANSISTOR	DTC124FS				R192	1-249-419-11		1.5K	5%	1/4W F
Q107		TRANSISTOR					R193	1-249-421-11		2.2K	5%	1/4W F
Q108		TRANSISTOR					R194	1-249-425-11		4.7K	5%	1/4W F
Q111		TRANSISTOR										
Q112	8-729-900-36	TRANSISTOR	DTC124ES				R195	1-249-411-11	CARBON	330	5%	1/4W
							R196	1-249-413-11	CARBON	470	5%	1/4W F
Q113	8-729-900-36	TRANSISTOR	DTC124ES				R197	1-249-415-11	CARBON	680	5%	1/4W F
Q114	8-729-900-36	TRANSISTOR	DTC124ES				R198	1-249-417-11	CARBON	1K	5%	1/4W F
Q115	8-729-900-36	TRANSISTOR	DTC124ES				R199	1-249-419-11	CARBON	1.5K	5%	1/4W F
Q116	8-729-900-36	TRANSISTOR	DTC124ES									
Q117	8-729-900-36	TRANSISTOR	DTC124ES				RR10	1-249-425-11	CARBON	4.7K	5%	1/4W F
							RR11	1-249-411-11		330	5%	1/4W
Q118		TRANSISTOR					RR12	1-249-413-11	CARBON	470	5%	1/4W F
Q119		TRANSISTOR								(DE915: <i>A</i>	NUS,PX/V	909/VE910)
Q120		TRANSISTOR										
Q121		TRANSISTOR					RR13	1-249-415-11	CARBON	680	5%	1/4W F
Q122	8-729-900-36	TRANSISTOR	DTC124ES									909/VE910)
0.100	0.700.000.00	TD 441010T0D	DT040450				RR14	1-249-417-11	CARBON	1K	5%	1/4W F
Q123		TRANSISTOR		-			DD45	1 040 440 44	OADDON	4.51/		909/VE910)
Q124	8-729-119-76	TRANSISTOR	2SA11/5-HF	E			RR15	1-249-419-11	CARBON	1.5K	5%	1/4W F
		. DECICEOD .									(V	909/VE910)
		< RESISTOR >							< SWITCH >			
R101	1-249-437-11	CADDON	471/	E0/	1////				< 30011011 >			
R102	1-249-437-11		47K 10K	5% 5%	1/4W 1/4W		S123	1 760 751 11	SWITCH, TACT	I E (a)		
R111	1-247-807-31		100	5%	1/4W		S123		SWITCH, TACT			
R112	1-247-807-31		100	5%	1/4W		S124 S125		SWITCH, TACT		V) (DEC	115)
R113	1-247-807-31		100	5%	1/4W		S126		SWITCH, TACT			
11110	1 247 007 01	OAITDON	100	3 /0	1/700		S127		SWITCH, TACT			
R114	1-247-807-31	CARBON	100	5%	1/4W		0127	170270111	OWITOII, 171011	(' ''', '''')	(DE010)	
R118	1-249-417-11		1K	5%	1/4W	F	S127	1-762-751-11	SWITCH, TACT	LE (DIMMEI	R) (V909/	VE910)
R119	1-249-417-11		1K	5%	1/4W		S128		SWITCH, TACT			,
R120	1-249-417-11	CARBON	1K	5%	1/4W	F	S129		SWITCH, TACT		,	
R121	1-249-417-11	CARBON	1K	5%	1/4W	F	S130		SWITCH, TACT			
							S131	1-762-751-11	SWITCH, TACT	LE (PRESET	-) (DE9	15)
R122	1-249-425-11	CARBON	4.7K	5%	1/4W	F						
R123	1-249-425-11	CARBON	4.7K	5%	1/4W	F	S132	1-762-751-11	SWITCH, TACT	LE (TUNING	-) (DE9	15)
R124	1-249-425-11		4.7K	5%	1/4W	F	S133		SWITCH, TACT			
R125	1-249-425-11		4.7K	5%	1/4W		S134		SWITCH, TACT			15)
R126	1-249-425-11	CARBON	4.7K	5%	1/4W	F	S135	1-762-751-11				
							S151	1-762-751-11	SWITCH, TACT	LE (POWER) (DE915)
R127	1-249-425-11	CARBON	4.7K	5%	1/4W				1 (IDD 4 TOD			
R128	1-249-417-11	CARBON	1K	5%	1/4W	ŀ			< VIBRATOR >			
R130	1-249-429-11		10K	5%	1/4W	_	V4.04	4 507 040 44	VIDDATOD OF			
R131	1-249-419-11		1.5K	5%	1/4W	F	X101	1-56/-819-11 *******	VIBRATOR, CEI			• • • • • • • • •
R141	1-249-441-11	CARBON	100K	5%	1/4W		******	· · · · · · · · · · · · · · · · · · ·	· • • • • • • • • • • • • • • • • • • •	*****	*****	· · · · · · · · · · · · · · · · · · ·
R142	1-249-441-11	CARBON	100K	5%	1/4W		*	1-665-779-11	HEADPHONE B	OADD		
R150	1-249-393-11	CARBON	100K	5%	1/4W	Е		1-003-779-11	********			
R151	1-249-433-11		22K	5%	1/4W	1						
R152	1-249-437-11		47K	5%	1/4W				< CONNECTOR	_		
 A R153	1-249-385-11	CARBON	2.2	5%	1/6W	F			COUNTEDION			
	. 270 000 11	J. 1. IDON		5 /0	1,000	•	* CNP70	2 1-564-518-11	PLUG CONNEC	TOR 3P		
 ∆ R154	1-249-385-11	CARBON	2.2	5%	1/6W	F	0.11 70		03, 00111120			
R155	1-249-411-11	CARBON	330	5%	1/4W	•			< JACK >			
R156	1-249-411-11		330	5%	1/4W				-			
R157	1-249-411-11		330	5%	1/4W		J701	1-568-519-41	JACK, LARGE T	YPE (PHONI	ES)	
R158	1-249-411-11	CARBON	330	5%	1/4W			********				******
R160	1-249-411-11	CARBON	330	5%	1/4W							
R161	1-249-411-11	CARBON	330	5%	1/4W							
			(DE91	5:AUS/V		10)						
R162	1-249-429-11	CARBON	10K	5%	1/4W			The components mark \triangle or dotted		Les compos une marque		
										1		

The components identified by mark ∆ or dotted line with mark ∆ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque \(\Delta \) sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

JOINT (VIDEO) PS REAR AMP

Ref. No.	Part No. 1-667-185-11	Description JOINT (VIDEO) B	OVBD		<u>Remarks</u>	Ref. No.	Part No.	<u>Description</u> < IC >			Remarks
	1-007-100-11	********						< 10 >			
		< CONNECTOR >				IC901	8-759-333-83	IC NJM2103I	D		
								< TRANSISTO	R >		
CNP215	1-695-087-11	PIN, CONNECTOR PIN, CONNECTOR PIN, CONNECTOR	R (PC BOAR	D) 7P	*****	Q901 Q902		TRANSISTOR TRANSISTOR		EK	
	A-4398-249-A	PS BOARD, CON						< RESISTOR >	•		
:	A-4398-261-A	**************************************	IPLETE (DE		,G,AED,EE) CND)	 ⚠ R901	1-202-725-00	SOLID	3.3M	10%	1/2W
•	A-4398-278-A	PS BOARD, CON	IPLETE (V9	09/VE910	D:E,SP,MY)	R902 R903	1-249-429-11 1-249-425-11		10K 4.7K	5% 5%	15:US,CND 1/4W 1/4W F
•	A-4398-282-A	PS BOARD, CON	MPLETE (DE	915:PX)		R904	1-249-417-11		4.7K	5%	1/4W
						R905	1-249-428-11	CARBON	8.2K	5%	1/4W
		SCREW +BVTT HOLDER. FUSE	3X8 (S)			R906 R908	1-249-421-11 1-249-433-11		2.2K 22K	5% 5%	1/4W 1/4W
	1-000-099-01	,				R909	1-249-439-11		68K	5%	1/4W
		< CAPACITOR >				R910	1-249-437-11	CARBON	47K	5%	1/4W
∆ C901 ∆ C902	1-136-157-00 1-136-157-00		0.022uF 0.022uF	5% 5%	50V 50V	R912	1-249-430-11	CARBON	12K	5%	1/4W
C903 C904	1-126-768-11 1-126-960-11	ELECT	2200uF 1uF	20% 20%	16V 50V			< RELAY >			
C905	1-126-959-11		0.47uF	20%	50V	RY901	1-515-999-11	RELAY, POWE	R		
C906 C913	1-124-464-11 1-164-159-11		0.22uF 0.1uF	20%	50V 50V			< TRANSFORM	MER >		
		< JACK >				 Т902 Т902	1-431-430-11 1-431-431-11	TRANSFORME TRANSFORME	R, POWER		,
₾ CNJ901	1-540-060-11	OUTLET, AC (POI	LAR) (AC OL		ND DV CU)	******	*******	******	`		909/VE910 ******
		< CONNECTOR >		(05,0	ND,PX,CH)	*	A-4398-234-A	REAR AMP B		,	09/VE910)
						*	A-4398-248-A	REAR AMP B	OARD, COMP	LETE (DE	915:AUS)
		PIN, CONNECTOR	R (PC BOAR		909/VE910)	*	A-4398-258-A	**************************************	OARD, COMP	LETE (DE	915:US, CND,PX
CNP906	1-564-687-11	PIN, CONNECTOR PIN, CONNECTOR PIN, CONNECTOR	R 3P (DE915	5:PX,VE9	10:E)			< CAPACITOR	>		
		,			X,VE910:E)	C701	1-126-964-11		10uF	20%	50V
		< DIODE >				C702 C703	1-162-282-31 1-102-233-00		100PF 33PF	10% 10%	50V 500V
		(5,052)				C705	1-126-933-11		100uF	20%	10V
D901 D902	8-719-024-99 8-719-024-99	DIODE 11ES2-N DIODE 11ES2-N				C720	1-126-967-11	ELECT	47uF	20%	16V
D903		DIODE 11ES2-N				C721	1-107-597-11	CERAMIC	22PF	10%	500V
D904	8-719-024-99					C722	1-107-597-11		22PF	10%	500V
D905	8-719-987-63	DIODE 1N4148I	M			C723 C751	1-162-286-31 1-126-964-11		220PF	10% 20%	50V 50V
D906	8-719-987-63					C751	1-162-282-31		10uF 100PF	10%	50V 50V
D907	8-719-987-63	DIODE 1N4148I	VI			C753	1-102-233-00	CERAMIC	33PF	10%	500V
		< TERMINAL, EA	RTH >			C755	1-126-933-11	ELECT	100uF	20%	10V
ED000	1 507 700 01	TEDMINIAL FAD	TI I			C770	1-126-967-11		47uF	20%	16V
EB900	1-53/-/38-21	TERMINAL, EAR (DE915:US	ih ,CND,PX/V9	09/VE91	0:E,SP,MY)	C771 C772	1-107-597-11 1-107-597-11		22PF 22PF	10% 10%	500V 500V
		< FUSE >				C773	1-162-286-31	CERAMIC	220PF	10%	50V
∆ F901	1-532-504-51	FUSE, TIME LAG	4A 250V			C793 C798	1-126-923-11 1-128-560-11		220uF 22uF	20% 20%	10V 100V
⊾F901		FUSE, GLASS CY	(EXCE		5:US,CND)	C799	1-128-560-11		22uF	20%	100V
				(DE91	5:US,CND)						
∆ F902 ∆ F903		FUSE, TIME LAG FUSE, TIME LAG	,		,		The components mark ♠ or dotted ♠ are critical for Replace only wit specified.	line with mark safety.	Les compo une marqu pour la sécu Ne les rem pièce portar	e ∆ sont urité.	t critiques e par une

Ref. No.	Part No.	Description		Remarks	Ref. No.	Part No.	Description			Remarks
<u> </u>	<u>- a</u>			<u></u>			<u> </u>	100	F0/	
		< CONNECTOR >			⚠ R775	1-249-408-11	ENCAPSULATE	180	5% NT 0.22	1/4W F
CND704	1-564-320-00	DIN CONNECTOR (DO	0 MIN 0D			1-233-352-41				1/4W
		PIN, CONNECTOR (B2)	2-VH) ZP		R777	1-247-850-11 1-249-419-11		6.2K	5%	1/4W F
	1-564-242-00 1-564-320-00	*) \/L\ 2D		R778 R782	1-249-437-11		1.5K 47K	5% 5%	1/4W F
		PIN, CONNECTOR (B2) PLUG, CONNECTOR 76			N/02	1-249-437-11	CANDUN	4/K	370	1/477
UN5/04	1-304-310-11	PLUG, CUNNECTUR /	•		R790	1-249-417-11	CADDON	1K	5%	1/4W F
		< DIODE >			R794	1-249-417-11		4.7K	5%	1/4W F
		< DIODL >			11794 △R798	1-249-393-11	-	10	5%	1/4W F
D701	8-719-987-63	DIODE 1N4148M			△ R799	1-249-393-11	-	10	5%	1/4W F
D701		DIODE UZ-2.2BS				*******				
D702		DIODE UZ-2.2BS								
D704		DIODE 1N4148M			*	A-4398-229-A	S VIDEO BOAF	RD COMPLET	F (DF91	5·US CND)
D751		DIODE 1N4148M				71 1000 220 71	******			0.00,0110)
					*	A-4398-251-A	S VIDEO BOAF	RD. COMPLET	E (DE91	5:AUS.PX)
D752	8-719-010-06	DIODE UZ-2.2BS					*****			, ,
D753		DIODE UZ-2.2BS			*	A-4398-285-A	S VIDEO BOAF	RD, COMPLET	E (V909	/VE910)
D754		DIODE 1N4148M					******			,
		< IC >					< CAPACITOR :	>		
IC701	8-759-326-52	IC uPC2581V			C205	1-130-495-00	MYLAR	0.1uF	5%	50V
								(EXCI	EPT DE9	15:US,CND)
		< TRANSISTOR >			C207	1-130-483-00	MYLAR	0.01uF	5%	50V
								(EXCI	EPT DE9	15:US,CND)
Q701	8-729-900-80	TRANSISTOR DTC114	4ES		C209	1-130-495-00	MYLAR	0.1uF	5%	50V
Q703	8-729-422-57	TRANSISTOR UN411	1							15:US,CND)
Q704		TRANSISTOR 2SA117			C210	1-124-903-11	ELECT	1uF	20%	50V
Q705		TRANSISTOR 2SC362	23A-LK					`		15:US,CND)
Q706	8-749-010-25	IC MN2488-OPY-M			C214	1-130-495-00	MYLAR	0.1uF	5%	50V
								(EXCI	EPT DE9	15:US,CND)
Q707		IC MP1620-OPY-M								
Q708		TRANSISTOR 2SA988			C215	1-164-159-11		0.1uF		50V
Q754		TRANSISTOR 2SA117			C216	1-164-159-11	CERAMIC	0.1uF	/===	50V
Q755		TRANSISTOR 2SC362	23A-LK		0047	4 400 007 44	EL EOT	47.5		15:US,CND)
Q756	8-749-010-25	IC MN2488-OPY-M			C217	1-126-967-11		47uF	20%	16V
0757	0.740.040.00	10.1404.000.0004.14			C221	1-126-964-11	ELECT	10uF	20%	50V
Q757		IC MP1620-OPY-M	DAEAEA		0000	4 400 004 04	OFDANNO	0.004 5	,	15:US,CND)
Q758	8-729-140-82	TRANSISTOR 2SA988	3-PAFAEA		C222	1-162-294-31	CERAIVIIC	0.001uF	10%	50V
		< RESISTOR >							(DE9	15:US,CND)
		< RESISTUR >			C225	1-130-483-00	MVLAD	0.01uF	5%	50V
D701	1 040 417 11	CADDON 11/	E0/	1/4\A/ E	6225	1-130-403-00	IVITLAN			
R701 R702	1-249-417-11 1-249-439-11		5% 5%	1/4W F 1/4W	C226	1-124-907-11	ELECT	10uF	20%	15:US,CND) 50V
R702	1-249-439-11			1/4W	0220	1-124-907-11	ELEGI			15:US,CND)
R704	1-249-406-11			1/4W F	C227	1-124-907-11	FLECT	10uF	20%	50V
11704	1-243-400-11	UATIDON 120		V909/VE910)	0221	1-124-307-11	LLLUI			15:US,CND)
			,	1000/12010/	C229	1-124-903-11	FLECT	1uF	20%	50V
R704	1-247-807-31	CARBON 100	5%	1/4W						15:US,CND)
			• , ,	(DE915)	C245	1-130-495-00	MYLAR	0.1uF	5%	50V
R721	1-249-437-11	CARBON 47K	5%	1/4W	52.10	50 .50 00				15:US,CND)
R722	1-249-421-11			1/4W F				(27.01		,/
R723	1-249-414-11			1/4W F	C278	1-124-903-11	ELECT	1uF	20%	50V
 A R724	1-249-408-11			1/4W F						15:US,CND)
					C261	1-102-074-00	CERAMIC	0.001uF	10%	50V
 △ R725	1-249-408-11	CARBON 180	5%	1/4W F					(DE9	15:US,CND)
 △ R726	1-233-352-41	ENCAPSULATED COM			C297	1-126-923-11	ELECT	220uF	20%	10V
R727	1-247-850-11			1/4W						15:US,CND)
R728	1-249-419-11	CARBON 1.5h	5%	1/4W F	C2238	1-102-074-00	CERAMIC	0.001uF	10%	50V
R732	1-249-437-11	CARBON 47K		1/4W					(DE9	15:US,CND)
										,
R751	1-249-417-11		5%	1/4W F			< JACK >			
R752	1-249-439-11			1/4W						
R753	1-249-439-11			1/4W		1-564-507-11				
R754	1-249-406-11	CARBON 120		1/4W F	CNJ203	1-568-440-11	SOCKET, CONN	IECTOR 17P		
			('	V909/VE910)						
R754	1-247-807-31	CARBON 100	5%	1/4W						
B == :	4 040 45= ::	OADDON (=:-	==:	(DE915)						
R771	1-249-437-11			1/4W		The components	identified by	Les compos	ante ide	ntifiés por
R772	1-249-421-11			1/4W F		mark \triangle or dotted		une marque		
R773	1-249-414-11			1/4W F		\triangle are critical for	safety.	pour la sécu	rité.	
 ∆ R774	1-249-408-11	CARBON 180	5%	1/4W F		Replace only wit	h part number	Ne les remp		
				<u> </u>	87 — L	specified.		pièce portant	i ie numėi	o specifie.
				— c	, ,					

S VIDEO

Ref. No.	<u>Part No.</u>	Description < CONNECTOR >	<u>Remarks</u>	Ref. No.	Part No.	<u>Description</u> < RESISTOR >		<u>Remarks</u>
CNS214	1-695-092-11	SOCKET, CONNECTOR 7P		R1	1-249-413-11	CARBON	470	5% 1/4W F
		< DIODE >		R2	1-249-413-11	CARBON	470	(DE915:US,CND) 5% 1/4W F
D201	8-719-987-63	, ,		R6	1-247-843-11	CARBON	3.3K	(DE915:US,CND) 5% 1/4W
D210	8-/19-98/-63	DIODE 1N4148M (DE915:US,CND)		R7	1-249-429-11	CARBON	10K	(DE915:US,CND) 5% 1/4W
10004	0.750.405.00	< IC >		R201	1-249-417-11	CARBON	1K	(DE915:US,CND) 5% 1/4W F
IC201 IC203 IC204	8-759-061-95	IC SN761200 (EXCEPT DE915:US, IC SN761200 (EXCEPT DE915:US, IC		R202	1-249-417-11	CARBON	1K	(DE915:US,CND) 5% 1/4W F
IC223	8-759-388-26	IC NJM2129D (DE915:US,CND)		R203	1-249-437-11	CARBON	47K	(DE915:US,CND) 5% 1/4W
		< JACK >		R205	1-247-807-31	CARBON	100	(DE915:US,CND) 5% 1/4W
J201 J202 J204	1-563-330-11 1-507-967-11 1-537-943-11	JACK (S-LINK) (DE915:US,CND)		R206	1-247-807-31	CARBON	100	PT DE915:US,CND) 5% 1/4W PT DE915:US,CND)
J205	1-537-943-11	(EXCEPT DE9 TERMINAL, S (LD VIDEO IN)	15:US,CND)	R214	1-249-429-11	CARBON	10K	5% 1/4W PT DE915:US,CND)
J207		(EXCEPT DE9 CONNECTOR (ROUND TYPE) (VIDEO (EXCEPT DE9) 1 IN)	R215	1-249-403-11	CARBON	68	5% 1/4W F PT DE915:US,CND)
J212	1-563-330-11	·	710.00,0140)	R218	1-249-403-11	CARBON	68	5% 1/4W F PT DE915:US,CND)
J213 J214	1-563-330-11 1-563-330-11			R219	1-249-403-11	CADDON	68	5% 1/4W F
J214	1-303-330-11	< COIL >		R220	1-249-409-11			PT DE915:US,CND) 5% 1/4W F
1.000	1 110 501 11						(EXCE	PT DE915:US,CND)
L203	1-410-521-11	INDUCTOR 100uH		R221	1-249-414-11		560	5% 1/4W F (DE915:US,CND)
		< TRANSISTOR >		R222	1-249-414-11		560	5% 1/4W F (DE915:US,CND)
Q1		TRANSISTOR 2SA1175-HFE (EXCEPT DE9	15:US,CND)	R223	1-249-409-11	CARBON	220 (EXCE	5% 1/4W F PT DE915:US,CND)
Q201		TRANSISTOR UN4111 (EXCEPT DE9	15:US,CND)	R224	1-249-433-11	CARBON	22K	5% 1/4W
Q205	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE9	15:US,CND)	R225	1-249-427-11	CARBON	6.8K	(DE915:US,CND) 5% 1/4W F
Q206	8-729-119-76	TRANSISTOR 2SA1175-HFE (EXCEPT DE9	15:US,CND)	R228	1-249-411-11	CARBON	330	(DE915:US,CND) 5% 1/4W
Q207	8-729-620-05	TRANSISTOR 2SC2603-EF (EXCEPT DE9	15:US,CND)	R229	1-249-417-11	CARBON	(EXCEI	PT DE915:US,CND) 5% 1/4W F
Q208	8-729-620-05	TRANSISTOR 2SC2603-EF		R230	1-249-411-11	CARBON	330	(DE915:US,CND) 5% 1/4W
Q209	8-729-620-05	(EXCEPT DE9 TRANSISTOR 2SC2603TP-EF	15:US,CND)				(EXCE	PT DE915:US,CND)
Q210			15:US,CND)	R233	1-249-426-11	CARBON	5.6K (FXCF)	5% 1/4W PT DE915:US,CND)
Q211		(EXCEPT DE9 TRANSISTOR 2SA1175-HFE	15:US,CND)	R234	1-249-426-11	CARBON	5.6K	5% 1/4W PT DE915:US,CND)
Q212		(EXCEPT DE9 TRANSISTOR 2SC2603TP-EF	15:US,CND)	R236	1-249-429-11	CARBON	10K	5% 1/4W PT DE915:US,CND)
QLIL	0 720 020 00		15:US,CND)	R238	1-249-403-11	CARBON	68	5% 1/4W F PT DE915:US,CND)
Q213	8-729-119-76	TRANSISTOR 2SA1175-HFE	15:US,CND)	R239	1-249-403-11	CARBON	68	5% 1/4W F PT DE915:US,CND)
Q220	8-729-620-05	TRANSISTOR 2SC2603TP-EF	115:US,CND)	D240	1-249-403-11	CADDON	68	5% 1/4W F
Q222	8-729-119-76	TRANSISTOR 2SA1175-HFE	,	R240			(EXCE	PT DE915:US,CND)
Q223	8-729-620-05	TRANSISTOR 2SC2603TP-EF	115:US,CND)	R241	1-249-417-11		1K	5% 1/4W F (DE915:US,CND)
Q225	8-729-119-76	TRANSISTOR 2SA1175-HFE	115:US,CND)	R243	1-249-419-11		•	5% 1/4W F PT DE915:US,CND)
633 -	0.702 //	,	15:US,CND)	R244	1-249-419-11			5% 1/4W F PT DE915:US,CND)
Q226	8-729-119-76	TRANSISTOR 2SA1175-HFE (DE9	15:US,CND)	R245	1-249-417-11	CARBON	1K	5% 1/4W F (DE915:US,CND)

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SECONDARY

SP (2F)

Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>	Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>
R247	1-249-403-11	CARBON	68 (EXCE	5% PT DE915	1/4W F 5:US,CND)	D806 D851	8-719-014-66 8-719-302-38	DIODE UZP-5.6 DIODE RBV-60			
R248	1-249-403-11	CARBON	68 (EXCE	5% PT DE01	1/4W F 5:US.CND)			< FUSE >			
R251	1-249-403-11	CARBON	68	5%	1/4W F						
R254	1-249-430-11	CARBON	12K	5%	5:US,CND) 1/4W	1 № F950 1 № F950	1-532-506-51 1-533-311-11	FUSE 6.3A 250V FUSE, GLASS C	`	8A 125V	′ (DIA.5) [′]
R255	1-249-430-11	CARBON	12K	5%	5:US,CND) 1/4W 5:US,CND)	 △ F951	1-532-506-51	FUSE 6.3A 250V	' (DE915:AU	`	5:US,CND) 9/VE910)
R257	1-249-403-11	CARBON	68	5%	1/4W F	 Æ F951	1-533-311-11	FUSE, GLASS C	YLINDRICAL		' (DIA.5) 5:US,CND)
R256	1-249-417-11	CARBON	(EXCE	PT DE915 5%	5:US,CND) 1/4W F			< TRANSFORME	-R >		
				(DE915	5:US,CND)	A T004	4 404 004 44			E04E-110	
R291	1-249-429-11	CARBON	10K	5% (DE915	1/4W 5:US,CND)	<u></u>	1-431-281-11 1-431-282-11	TRANSFORMER TRANSFORMER			
R292	1-249-393-11	CARBON	10	5% (DE91	1/4W F 5:US,CND)	1	1-431-283-11 1-431-284-11	TRANSFORMER TRANSFORMER	,		,
R293	1-249-429-11	CARBON	10K	5%	1/4W 5:US,CND)	1		TRANSFORMER	, POWER `	,	0:E,SP,MY)
R294	1-249-425-11	CARBON	4.7K	5%	1/4W F	 ⚠ T901	1 421 206 11	TRANSFORMER	DOWED.		,
				(DE915	5:US,CND)				(VE91	,	,G,AED,EE)
R297	1-247-843-11	CARBON	3.3K	5% (DE91	1/4W 5:US,CND)	******	*******	******	*****	*****	**************
R298	1-249-429-11	CARBON	10K	5%	1/4W 5:US,CND)	*	A-4398-235-A	SP (2F) BOARD,		`	AEP,UK,G, AED,EE)
R299	1-249-417-11	CARBON	1K	5%	1/4W F	*	A-4398-250-A	SP (2F) BOARD,	COMPLETE	(DE915:	. ,
R2015	1-247-807-31	CARBON	100	5%	5:US,CND) 1/4W 5:US,CND)	*	A-4398-262-A	SP (2F) BOARD,	COMPLETE	(DE915:	US,CND, PX)
Dooo	1 047 007 04	OADDON	400			*	A-4398-295-A	SP (2F) BOARD,	COMPLETE	(V909/V	E910:E,SP,
R2020	1-247-807-31		100		1/4W 5:US,CND)				*****	•	MY)
*******	*******	*******	*******	******	*****			< CAPACITOR >			
*	1-665-787-11	-				C624	1-126-964-11	ELECT	10uF	20%	50V
		******				C625 C626	1-136-157-00 1-136-153-00		0.022uF 0.01uF	5% 5%	50V 50V
		< CONNECTOR >				C706	1-126-951-11	ELECT	470uF	20%	35V
CNP703	1-695-089-11	PIN, CONNECTOR	R (PC BOAR	D) 11P		C707	1-104-664-11	ELECT	47uF	20%	25V
CNS702	1-695-096-11	SOCKET, CONNEC	CTOR 15P	-,		C724	1-126-964-11		10uF	20%	50V
		SOCKET, CONNEC		******	*****	C725 C726	1-136-157-00 1-136-153-00		0.022uF 0.01uF	5% 5%	50V 50V
						C775	1-136-157-00		0.022uF	5%	50V
*	1-665-783-12	SECONDARY BOA						< JACK >			
	1-533-399-31	HOLDER, FUSE				CNJ701	1-774-136-11	CONNECTOR, R	OUND TYPE	6P	
		< CAPACITOR >						< CONNECTOR :	>		
C801	1-104-664-11		47uF	20%	25V	CNP603	1-564-320-00	PIN, CONNECTO	. ,		ODE ALCED)
C805 C806	1-137-424-11 1-137-424-11		0.22uF 0.22uF	10% 10%	100V 100V	CNS703	1-695-094-11	SOCKET, CONNE		SS KEAK	SPEAKER)
△ C850 △ C851	1-137-416-11 1-137-416-11		0.01uF 0.01uF	10% 10%	100V 100V			< DIODE >			
		< CONNECTOR >				D543	8-719-987-63	DIODE 1N4148	BM		
# ONDOO	1 504 005 11	DIN CONNECTOR) OD			D605		DIODE 1N4148			
	1-564-905-11 1-691-765-11	PIN, CONNECTOR PLUG (MICRO CO		3P		D606 D607	8-719-987-63 8-719-987-63	DIODE 1N4148 DIODE 1N4148			
	·	`	/			D649		DIODE 1N4148			
		< DIODE >									
D801	8-719-302-38										
D802 D803		DIODE 11ES2-N				_					
D804	8-719-024-99	DIODE 11ES2-N	TA2B				The components		Les compos		
D805	8-719-024-99	DIODE 11ES2-N	TA2B				mark ∆\ or dotted ∆\ are critical for		une marque pour la sécu		orniques

 Δ are critical for safety. Replace only with part number specified.

pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

SP (2F) SP SW SUR

Ref. No.	Part No.	<u>Description</u>			<u>Remark</u>	<u> (S</u>	Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>
D705	8-719-987-63	DIODE 1N414							< RELAY >			
D706 D707	8-719-987-63 8-719-002-06	DIODE 1N414 DIODE UZL-18					RY503	1-515-793-11	RFI ΔV			
D749	8-719-987-63	DIODE 1N414					RY601	1-515-920-11				
		14.01/					RY701	1-515-920-11	RELAY (24V)			
1504	1 770 077 01	< JACK >	WOOLED)						< SWITCH >			
J501	1-770-377-31	JACK, PIN 1P (WUUFER)				S501	1-692-196-11	SWITCH, SLIDE (IMP SELEC	ΓOR)(DE	915)
		< COIL >							TEDMINIAL		, ,	,
L601	1-411-906-11	COIL, AIR-COR	E (V909/VE9	10)					< TERMINAL >			
L601	1-420-872-00	COIL, AIR-COR		40)			TM501	1-537-881-11	TERMINAL BOAR	· /_	OLIND C	DEALEDO)
L701 L701		COIL, AIR-COR		10)			******	******	******	`		SPEAKERS) ******
L751	1-411-906-11	COIL, AIR-COR		10)								
L751	1_//20_872_00	COIL, AIR-COR	F (DEQ15)				*	1-665-775-11	SP SW BOARD *******			
LIGI	1 420 072 00	•	,									
		< TRANSISTOF	? >						< CONNECTOR >			
Q544 Q609	8-729-119-79 8-729-281-53	TRANSISTOR TRANSISTOR					* CNS101	1-695-808-11	CONNECTOR, PC	BOARD 8P		
Q610		TRANSISTOR		1					< DIODE >			
Q611		TRANSISTOR TRANSISTOR					D150	0 710 007 00	DIODE 11/41/01	Λ.		
Q645	8-729-119-79	TRANSISTUR	2502783-FE	:N			D152 D153	8-719-987-63 8-719-987-63	DIODE 1N4148N DIODE 1N4148N			
Q709		TRANSISTOR		3					OMITOLI			
Q710 Q745		TRANSISTOR TRANSISTOR		:K					< SWITCH >			
Q748		TRANSISTOR					S136		SWITCH, TACTILE			
		< RESISTOR >					S152 S155		SWITCH, PUSH (*SWITCH, ROTAR)			09/VE910)
									******	`	,	*****
R543 R544	1-249-429-11 1-249-425-11	CARBON CARBON	10K 4.7K	5% 5%	1/4W 1/4W	F	*	Λ_//308_236_Λ	SUR BOARD, CO	MDI ETE (\/I	-01 ∩ ·ΛΕ	DIIKG
11544 △ R545	1-249-393-11	CARBON	10	5%		F		A 4000-200-A	*******		-310.AL	AED,EE)
R546 R629	1-249-425-11 1-247-866-11		4.7K	5%		F	*	A-4398-266-A	SUR BOARD, CO		E915:US	,CND,PX)
NOZ9	1-247-000-11	UANDUN	30K	5%	1/4W		*	A-4398-279-A	SUR BOARD, CO		909/VE9	10:E,SP,
R630	1-249-421-11	CARBON	2.2K	5%	1/4W	F		4 4000 007 4	******		-04- 411	MY)
R631 R632	1-249-433-11 1-249-433-11	CARBON	22K 22K	5% 5%	1/4W 1/4W		*	A-4398-287-A	SUR BOARD, CO	`	±915:AU	5)
 ≜ R633	1-249-393-11	CARBON	10	5%	1/4W							
 ∆ R634	1-249-389-11	CARBON	4.7	5%	1/4W	F			< CAPACITOR >			
R635	1-249-431-11	CARBON	15K	5%	1/4W		C301	1-126-963-11		4.7uF	20%	50V
R647 R648	1-249-429-11	CARBON	10K 4.7K	5%	1/4W	_	C302	1-162-282-31 1-126-967-11		100PF 47uF	10% 20%	50V 16V
^ R649	1-249-425-11 1-249-393-11	CARBON CARBON	4.7K 10	5% 5%	1/4W 1/4W		C303 C304	1-120-907-11		0.0056uF	20% 5%	50V
R729	1-247-866-11		30K	5%	1/4W		C305	1-106-347-00		1500PF	5%	200V
R730	1-249-421-11	CARBON	2.2K	5%	1/4W	_F	C306	1-126-960-11	FI FCT	1uF	20%	50V
R731	1-249-433-11	CARBON	2.2K	5%	1/4W	'	C307	1-164-159-11		0.1uF	20 /0	50V
 ≜ R733	1-249-393-11	CARBON	10	5%	1/4W	F	C351	1-126-963-11	ELECT	4.7uF	20%	50V
⚠ R734	1-249-389-11	CARBON	4.7	5%	1/4W	F	C352	1-162-282-31		100PF	10%	50V
R735	1-249-431-11	CARBON	15K	5%	1/4W		C353	1-126-967-11	ELECT	47uF	20%	16V
R737	1-249-429-11	CARBON	10K	5%	1/4W		C354	1-130-480-00		0.0056uF	5%	50V
R738	1-247-887-00		220K	5%	1/4W	_	C355	1-106-347-00		1500PF	5%	200V
R746	1-249-417-11	CARBON	1K	5%	1/4W	۲	C356	1-126-960-11		1uF	20%	50V
R747 R748	1-249-429-11 1-249-425-11	CARBON CARBON	10K 4.7K	5% 5%	1/4W 1/4W	F	C357 C394	1-164-159-11 1-126-967-11		0.1uF 47uF	20%	50V 16V
11/40	1-243-423-11	OMINUUN	4./ N	J /0	1/ 1 VV	'	033 4	1-120-301-11	LLLUI	+1 ui°	ZU /0	100
 ≜ R749	1-249-393-11	CARBON	10	5%	1/4W		C395	1-126-967-11		47uF	20%	16V
 A R783	1-249-393-11	CARBON	10	5%	1/4W		C396	1-164-070-11		100PF	5%	50V
<u></u> 1	1-249-389-11 1-249-429-11	CARBON CARBON	4.7 10K	5% 5%	1/4W 1/4W	г	C397 C401	1-162-294-31 1-128-547-11		0.001uF 6800uF	10% 20%	50V 16V
R788	1-249-429-11		220K	5% 5%	1/4W		C401	1-128-547-11		470uF	20%	16V 16V
50	557 50			3,0	.,	,	J.JL	0 000 11				

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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Ref. No.	Part No.	Description			Remarks	Ref. No.	Part No.	Description			Remarks
											<u>neiliai ks</u>
C403	1-126-935-11		470uF	20%	16V		1-695-088-11	,	- (, -	
C407	1-126-964-11		10uF	20%	50V		1-564-320-00			2P (V90	9/VE910)
C408	1-164-159-11		0.1uF		50V		1-569-323-11	,			
C409	1-130-495-00		0.1uF	5%	50V	CNS403	1-569-324-11	SOCKET, CON	NECTOR 21P		
C410	1-130-495-00	MYLAR	0.1uF	5%	50V	0810404	1 001 705 11	DI LIO (MIODO	CONNECTOR	\ 0D	
0.457		EL EAT	40.5	000/	5017		1-691-765-11				
C457	1-126-964-11		10uF	20%	50V		1-691-767-11	١			
C458	1-164-159-11		0.1uF	000/	50V		1-691-768-11				
C501	1-126-964-11		10uF	20%	50V		1-770-404-11				
C502	1-164-070-11		100PF	5%	50V	UNS601	1-770-404-11	HOUSING,CON	INECTOR(PC	BOARD)1	/1P
C503	1-107-601-11	CERAIVIIC	33PF	5%	500V			, DIODE ,			
C504	1-164-040-11	CEDAMIC	4PF	0.25PF	50V			< DIODE >			
C505	1-104-040-11		4FF 100uF	20%	16V	D401	8-719-987-63	DIODE 1N414	101/1		
C551	1-126-964-11		10uF	20%	50V	D401		DIODE 11ES2			
C552	1-164-070-11		100PF	5%	50V	D402		DIODE 11ES2			
C553	1-107-601-11		33PF	5%	500V	D 100	0 7 10 200 02	DIODE TIEOZ	-		
0000		020		• 70				< IC >			
C554	1-164-040-11	CERAMIC	4PF	0.25PF	50V						
C555	1-126-933-11		100uF	20%	16V	IC301	8-759-805-14	IC LC7822			
C593	1-126-923-11	-	220uF	20%	10V	IC302		IC M5218AP-	-22		
C594	1-128-560-11		22uF	20%	100V	IC304		IC M5218AP-			
C595	1-128-560-11		22uF	20%	100V	IC401	8-759-231-53				
						IC402	8-759-231-53				
C601	1-126-964-11	ELECT	10uF	20%	50V						
C602	1-162-282-31	CERAMIC	100PF	10%	50V	IC501	8-759-326-52	IC uPC2581V			
C603	1-102-989-00	CERAMIC	68PF	5%	500V	IC601	8-749-011-16	IC STK350-23	30		
C604	1-164-040-11	CERAMIC	4PF	0.25PF	50V	IC602	8-759-636-74	IC M5218AP-	-22		
C605	1-126-967-11	ELECT	47uF	20%	16V						
								< JACK >			
C606	1-102-989-00	CERAMIC	68PF	5%	500V						
C607	1-126-964-11		10uF	20%	50V	J301	1-774-725-11		, , ,		J)
CC01	1-162-282-31		100PF	10%	50V	J302		JACK, PIN 6P		,	
			:AUS/VE910			J303	1-766-394-11	JACK, PIN 6P	(DAT/MD OUT	,CD,PHO	NO)
CC02	1-162-286-31	CERAMIC	220PF	10%	50V			TDANCICTO	n		
0000	1 100 000 01		:AUS/VE910		,			< TRANSISTOR	H >		
CC03	1-162-282-31		100PF	10%	50V	0.404	0.700.141.00	TDANCICTOD	00000004 1	V	
		(DE915	:AUS/VE910	J.AEP,UK,	G,AED,EE)	Q401		TRANSISTOR TRANSISTOR			
CC04	1-162-282-31	CEDAMIC	100PF	10%	50V	Q410 Q411		TRANSISTOR			
0004	1-102-202-31		:AUS/VE910			Q451		TRANSISTOR			
CC05	1-162-282-31	•	100PF	10%	50V	Q503		TRANSISTOR		.11	
0000	1 102 202 01		:AUS/VE910			0000	0 125 422 51	THANOIOTOR	ONTITI		
CC06	1-162-282-31	,	100PF	10%	50V	Q504	8-729-900-80	TRANSISTOR	DTC114FS		
0000	1 102 202 01		:AUS/VE910			4001	0 720 000 00	111/11/010101011	DIOTTIEO		
CC07	1-162-282-31	,	100PF	10%	50V			< RESISTOR >			
			:AUS/VE910								
CC08	1-162-282-31		100PF	10%	50V ´	R301	1-249-409-11	CARBON	220	5%	1/4W F
		(DE915	:AUS/VE910):AEP,UK,	G,AED,EE)	R302	1-249-441-11	CARBON	100K	5%	1/4W
		•			,	R303	1-249-441-11	CARBON	100K	5%	1/4W
CC51	1-162-282-31	CERAMIC	100PF	10%	50V	R304	1-249-416-11	CARBON	820	5%	1/4W F
			:AUS/VE910):AEP,UK,	G,AED,EE)	R305	1-247-897-11	CARBON	560K	5%	1/4W
CC52	1-162-286-31		220PF	10%	50V						
		`	:AUS/VE910):AEP,UK,	G,AED,EE)	R306	1-249-437-11	CARBON	47K	5%	1/4W
CC53	1-162-282-31		100PF	10%	50V	R307	1-249-441-11	CARBON	100K	5%	1/4W
		•	:AUS/VE910		,	R308	1-247-807-31		100	5%	1/4W
CC54	1-162-282-31		100PF	10%	50V	R309	1-249-417-11	CARBON	1K	5%	1/4W F
			:AUS/VE910		,					(V	909/VE910)
CC55	1-162-282-31		100PF	10%	50V						=
		(DE915	:AUS/VE910	J:AEP,UK,	G,AED,EE)	R310	1-249-417-11		1K	5%	1/4W F
0050		0504440	10005	400/	501/	R311	1-249-417-11		1K	5%	1/4W F
CC56	1-162-282-31		100PF	10%	50V	R312	1-249-417-11		1K	5%	1/4W F
0057	1 100 000 01		:AUS/VE910			R313	1-249-417-11		1K	5%	1/4W F
CC57	1-162-282-31		100PF	10%	50V	R314	1-249-417-11	OAKBUN	1K	5%	1/4W F
CC58	1-162-282-31		:AUS/VE910 100PF	J:AEP,UK, 10%	G,AED,EE) 50V	R315	1-249-437-11	CARRON	47K	5%	1/4W
0000	1-102-202-31		:AUS/VE910			R351	1-249-437-11		47K 220	5% 5%	1/4VV 1/4W F
		נופשט	.AUU/VEBIU	.ALF,UK,	u,nlu,EE)	R352	1-249-409-11		100K	5% 5%	1/4W F 1/4W
		< CONNECTOR >				R353	1-249-441-11		100K 100K	5% 5%	1/4VV 1/4W
		COMMEDIATION				R354	1-249-416-11		820	5%	1/4W F
CNP250	1-691-765-11	PLUG (MICRO CO	NNECTOR	3P		11004	. 2.0 110 11	JDOIY	320	3 /0	1, 1 VV 1
5.1. 200	. 551 150 11	/									

SUR-AUDIO (2F) SUR

Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>	Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>
R355	1-247-897-11	CARBON	560K	5%	1/4W			. TEDMINAL .			
R356 R357	1-249-437-11 1-249-441-11	CARBON CARBON	47K 100K	5% 5%	1/4W 1/4W			< TERMINAL >	•		
R358	1-247-807-31		1001	5%	1/4W	TM401	1-694-266-11	TERMINAL BO	ARD ANT (A	ANTENNA	١
R359	1-249-417-11		1K	5%	1/4W F	1111101	1 00 1 200 11	TETRIMITE BO	, ii i D, , ii i i ()		DE915:AUS)
				(V	909/VE910)	TM401	1-694-265-11	TERMINAL BO	ARD, ANT (A	ANTENNA	,
R360	1-249-417-11	CARBON	1K	5%	1/4W F					(DE313.	50,0ND,1 X)
R361	1-249-417-11	CARBON	1K	5%	1/4W F			< TUNER >			
R362	1-249-417-11		1K	5%	1/4W F						
R363	1-249-417-11		1K	5%	1/4W F	TU401		TUNER (DE91			
R394	1-247-807-31	CARBON	100	5%	1/4W	TU401	1-233-592-11	ENCAPSULATI	ED COMPON		US,CND,PX)
R395	1-247-807-31	CARBON	100	5%	1/4W	******	******	******	******	******	******
R396	1-249-417-11	CARBON	1K	5%	1/4W F						
R397	1-249-425-11		4.7K	5%	1/4W F	*	1-665-776-11	SUR-AUDIO (2			
R412	1-249-425-11	CARBON	4.7K	5%	1/4W F			********	*****		
R449	1-249-425-11	CARBON	4.7K	5%	1/4W F			< CONNECTOR	₹>		
R450	1-249-441-11	CARBON	100K	5%	1/4W			(00111120101	.,		
R462	1-249-425-11	CARBON	4.7K	5%	1/4W F	CNP302	2 1-695-088-11	PIN, CONNECT	TOR (PC BOA	ARD) 9P	
R483	1-249-441-11	CARBON	100K	5%	1/4W	CNS303	3 1-695-093-11	SOCKET, CONI	NECTOR 9P	,	
R484	1-249-429-11	CARBON	10K	5%	1/4W	******	******	******	******	******	******
R486	1-249-437-11	CARBON	47K	5%	1/4W	*	1 005 700 11	CW DOADD			
R490	1-249-433-11	CARBON	22K	5%	1/4W	*	1-665-780-11	SW BOARD ******			
					(DE915)						
R491	1-249-429-11	CARBON	10K	5%	1/4W (DE915)			< CONNECTOR	₹>		
R492	1-249-416-11	CARBON	820	5%	1/4W F	CNP103	3 1-770-397-11	HOUSING, CO	NNECTOR(P	C BOARD	4P
					(DE915)				,	•	
R501	1-249-417-11		1K	5%	1/4W F			< RESISTOR >	•		
R502	1-249-439-11	CARBON	68K	5%	1/4W						
DEOO	1 040 400 44	OADDON	COL	F0/	4 /414/	R169	1-249-411-11	CARBON	330	5%	1/4W
R503 R504	1-249-439-11 1-247-820-11	CARBON CARBON	68K 360	5% 5%	1/4W 1/4W	R170 R171	1-249-413-11 1-249-415-11		470 680	5% 5%	1/4W F 1/4W F
N304	1-247-020-11	CANDUN	300		/909/VE910)	R171	1-249-417-11		1K	5% 5%	1/4W F
R504	1-249-411-11	CARRON	330	5%	1/4W	R172	1-249-417-11		1.5K	5% 5%	1/4W F
11004	1-243-411-11	OAHDON	330	J /0	(DE915)	11175	1-243-413-11	OANDON	1.510	J /0	1/400 1
R551	1-249-417-11	CARBON	1K	5%	1/4W F	R174	1-249-421-11	CARBON	2.2K	5%	1/4W F
R552	1-249-439-11	CARBON	68K	5%	1/4W	R175	1-249-425-11	CARBON	4.7K	5%	1/4W F
						R176	1-249-411-11	CARBON	330	5%	1/4W
R553	1-249-439-11	CARBON	68K	5%	1/4W	R177	1-249-413-11	CARBON	470	5%	1/4W F
R554	1-247-820-11	CARBON	360	5%	1/4W	R178	1-249-415-11	CARBON	680	5%	1/4W F
DEE4	1 040 411 11	CADDON	220		909/VE910)	D170	1 040 417 11	CADDON	41/	E0/	1/AW F
R554	1-249-411-11	CANDUN	330	5%	1/4W (DE915)	R179 R180	1-249-417-11 1-249-419-11		1K 1.5K	5% 5%	1/4W F 1/4W F
R590	1-249-417-11	CARRON	1K	5%	1/4W F	R181	1-249-421-11		2.2K	5%	1/4W F
 ∆ R592	1-249-381-11		1	5%	1/4W F	R182	1-249-411-11	-	330	5%	1/4W
Z21100L	1 2 10 001 11	0/11/2011	•	0 70	.,	R183	1-249-413-11		470	5%	1/4W F
 ∆ R593	1-249-381-11	CARBON	1	5%	1/4W F						
R601	1-249-417-11	CARBON	1K	5%	1/4W F	R184	1-249-415-11	CARBON	680	5%	1/4W F
R602	1-249-439-11		68K	5%	1/4W	R185	1-249-417-11		1K	5%	1/4W F
R603	1-249-406-11	CARBON	120	5%	1/4W F	R186	1-249-419-11		1.5K	5%	1/4W F
Dena	1 047 007 01	CADDON	100	•	909/VE910)	R187	1-249-421-11	CARBON	2.2K	5%	1/4W F
R603	1-247-807-31	CANDUN	100	5%	1/4W (DE915)			< SWITCH >			
5 .5.5	1045 455 1	048501	2217		, ,		1 700 7-: :		en e // :=:		
R604	1-249-439-11		68K	5%	1/4W	S101		SWITCH, TACT			
R605	1-249-413-11		470	5%	1/4W F	S102		SWITCH, TACT			
R606	1-249-439-11		68K	5%	1/4W	S103 S104		SWITCH, TACT			
R607 R608	1-249-417-11 1-249-431-11		1K 15K	5% 5%	1/4W F 1/4W	S104 S105		SWITCH, TACT SWITCH, TACT			
11000	1-72-491-11	אוטמוזעט	IJN	J /0	1/ "T VV	3100	1-102-131-11	OVVITOII, IAU	וירר (חוטבה	i i A00)	
RR01	1-249-418-11		1.2K	5%	1/4W F	S106		SWITCH, TACT			
RR51	1-249-418-11	,	915:AUS/VE91 1.2K	0:AEP,U	K,G,AED,EE) 1/4W F	S107 S108		SWITCH, TACT SWITCH, TACT			
KKOI	1-249-418-11					S108 S109		SWITCH, TACT			
		נטב	915:AUS/VE91	U.ALF,U	I,U,ALD,EE)	S109 S110		SWITCH, TACT			
		< RELAY >				г	The component		Les compo		ntifiés par
DV/404	1 515 044 44	DEL AV					mark \triangle or dotted		une marqu		
RY401	1-515-614-11	NELAY				1	$\boldsymbol{\vartriangle}$ are critical for	safety.	pour la séc	curité.	•
							Replace only wit	h part number	Ne les ren		
					9	2 — L	specified.		pièce porta	iii ie riume	ro specifie.

SW	
377	

VIDEO (3)

VIDEO

VOL SEL

Ref. No.	Part No.	<u>Description</u>			<u>Remarks</u>	Ref. No.	Part No.	Description			Remai	<u>rks</u>
0111	1 700 751 11	CMUTCH TACTILE	(0) (DE04)	E\		0010	0 700 000 05	TDANCICTOD	0000000 EE			
S111	1-762-751-11	,				Q216	8-729-620-05	TRANSISTOR				
S112	1-762-751-11	SWITCH, TACTILE	(DIRECT)	(DE915)		Q217	8-729-119-76	TRANSISTOR	2SA1175-HFE			
S113	1-762-751-11	SWITCH, TACTILE	(AUDIO FL	JNC <)		Q218	8-729-119-76	TRANSISTOR	2SA1175-HFE			
S114		SWITCH, TACTILE										
S115		SWITCH, TACTILE	(,		Q219	9-720-110-76	TRANSISTOR	2C 1175_HEE			
3113	1-702-731-11	SWITCH, IACTILE	(AUDIO FC	JINO <i>>)</i>		QZ19	0-729-119-70	INANSISTUR	23A1173-HFE			
S116	1-762-751-11	SWITCH, TACTILE	(3) (DE91	5)				< RESISTOR >				
S117	1-762-751-11	SWITCH, TACTILE	(6) (DE91	5)								
S118		SWITCH, TACTILE				R207	1-249-409-11	CARBON	220	5%	1/4W	F
S119		SWITCH, TACTILE				R266	1-249-403-11	CARBON	68	5%	1/4W	
								-				
S120	1-/02-/51-11	SWITCH, TACTILE	(VIDEO FL)INC <)		R268	1-249-403-11	CARBON	68	5%	1/4W	
						R269	1-249-403-11		68	5%	1/4W	F
S121	1-762-751-11	SWITCH, TACTILE	(INPUT M	ODE)		R270	1-249-426-11	CARBON	5.6K	5%	1/4W	
S122	1-762-751-11	SWITCH, TACTILE	(VIDEO FL	JNC >)								
*******		******			*****	R271	1-249-426-11	CARBON	5.6K	5%	1/4W	
						R272	1-249-426-11	CARBON	5.6K	5%	1/4W	
at.	4 005 777 44	\/IDEO (0) DOADD						-				_
*	1-665-777-11	VIDEO (3) BOARD)			R274	1-249-403-11	CARBON	68	5%	1/4W	
		*****				R275	1-249-403-11	CARBON	68	5%	1/4W	F
						R276	1-249-419-11	CARBON	1.5K	5%	1/4W	F
		< CAPACITOR >										
		\ \(\text{ONI \(\text{NO11 \(\text{O11 \\ \text{O11} \\ O11 \\ \text{O11 \\\ \text{O11 \\ \text{O11				R277	1-249-419-11	CARBON	1.5K	5%	1/4W	Е
0000	4 404 450 44	0504440	0.4 5		501							
C299	1-164-159-11	CERAMIC	0.1uF		50V	R278	1-249-419-11	CARBON	1.5K	5%	1/4W	
						R279	1-249-403-11	CARBON	68	5%	1/4W	F
		< JACK >				R280	1-249-403-11	CARBON	68	5%	1/4W	F
						R281	1-249-403-11	CARRON	68	5%	1/4W	F
J299	1-764-190-11	JACK, PIN 3P (VII	JEU 3 INIDII	IT\ /\/000	///E010\	11201	1 2 10 100 11	OTTIBOTE	00	0 /0	17 100	•
		, ,		, ,	,	Door	1 040 400 44	OADDON	00	5 0/	4 / 4144	_
J299	1-779-868-11	JACK, PIN 3P (VII	JEO 3 INPU	II) (DE91	5)	R282	1-249-403-11	CARBON	68	5%	1/4W	
						R283	1-249-403-11	CARBON	68	5%	1/4W	F
		< RESISTOR >				R288	1-249-430-11	CARBON	12K	5%	1/4W	
						R289	1-249-430-11	CARBON	12K	5%	1/4W	
R297	1-249-403-11	CARBON	68	5%	1/4W F	R290	1-249-430-11		12K	5%	1/4W	
11231	1-243-403-11	UANDUN	00			11230	1-243-430-11	CANDON	1211	J /0	1/ 4 VV	
				,	09/VE910)							_
R298	1-249-403-11	CARBON	68	5%	1/4W F	R2009	1-249-409-11	CARBON	220	5%	1/4W	
				(V9	09/VE910)	R2010	1-249-409-11	CARBON	220	5%	1/4W	F
R299	1-249-403-11	CARBON	68	5%	1/4W F	******	******	******	******	*****	*****	*
R316	1-249-417-11	CARBON	1K	5%	1/4W F							
R366	1-249-417-11		1K	5%	1/4W F	*	1-665-788-11	VOL SEL BOAI	2D (DE015-DY)	\/E010·E	١	
		**********					1-003-700-11	********		VL310.L	,	
	4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4							4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.				
*	1-665-784-11	VIDEO BOARD						< CONNECTOR	{ >			

						CNP910	0 1-564-321-00	PIN CONNECT	OR 2P (DF915	·PX/VF9	10:F)	
		< CAPACITOR >					1 1-564-687-11		•		,	
		COMPANION >							,		,	
						* CNP912	2 1-564-687-11	PIN, CONNEC	IUR 3P (DE915	:PX/VE9	IU:E)	
C253	1-126-960-11	ELECT	1uF	20%	50V							
C256	1-126-960-11	ELECT	1uF	20%	50V			< SWITCH >				
C258	1-126-960-11	ELECT	1uF	20%	50V							
C262	1-126-960-11		1uF	20%	50V	 ∆ S902	1-571-437-11	SWITCH, POW	FR VOLTAGE O	HANGE		
		-				20002	1 07 1 107 11				///E010	·E\
C264	1-126-964-11	ELEGI	10uF	20%	50V			,	SELECTOR) ([,
						******	******	**********	*********	******	*****	:*
C265	1-126-964-11		10uF	20%	50V							
C266	1-126-964-11	ELECT	10uF	20%	50V							
C267	1-126-960-11	FLECT	1uF	20%	50V							
020.	20 000			2070								
		. 10 .										
		< IC >										
IC211	8-759-061-95	IC SN761200										
		< CONNECTOR >										
CNS215	1-695-092-11	SOCKET, CONNEC	TOR 7P									
		< JACK >										
J209	1-766-400-11	JACK, PIN 2P (VII	DFO 2)									
J210	1-766-399-11			IITOD)								
		,		11011)								
J211	1-766-400-11	JACK, PIN 2P (VII	JEU 3)									
		< TRANSISTOR >										
						-						\neg
Q214	8-729-620-05	TRANSISTOR 25	C2603-EF				The components		Les composa			
Q215		TRANSISTOR 25				1	mark \triangle or dotted		une marque		critique	s
							⚠ are critical for	satety	pour la sécuri	ITΩ		- 1

 \triangle are critical for safety. Replace only with part number specified.

pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ver 1.1 2001.07

VOLUME

Ref. No.	Part No.	<u>Description</u>	<u>Remarks</u>	Ref. No.	Part No.	<u>Description</u> <u>Remarks</u>
*	1-665-774-11	VOLUME BOARD *********				ACCESSORIES & PACKING MATERIALS ************************************
		< CONNECTOR >				REMOTE COMMANDER (RM-P501) ANTENNA, LOOP (DE915)
	1-770-388-11 1-569-323-11	PIN, CONNECTOR (PC BOARD) 4P SOCKET, CONNECTOR 19P			1-501-594-11 1-777-172-11	ANTENNA (FM) (DE915:AUS) CORD, CONNECTION (DE915:US,CND) LABEL, CAUTION (DE915:US,CND)
		< RESISTOR >			3-810-765-11	MANUAL.COMMONNESS INSTRUCTION
R499	1-249-411-11	CARBON 330 5%	1/4W		3-810-765-21	(ENGLISH)(DE915:US) MANUAL.COMMONNESS INSTRUCTION
		< VARIABLE RESISTOR >			3-010-703-21	(ENGLISH,FRENCH,GERMAN,SPANISH,DUTCH, SWEDISH,ITALIAN,PORTUGUESE,CHINESE)
RV401		RES, VAR, CARBON 100KX6 (MASTE	R VOLUME)		3-860-516-11	(DE915) MANUAL, INSTRUCTION (ENGLISH) (DE915:US.AUS)
		MISCELLANEOUS			3-860-516-21	, ,
		******			3-860-516-31	MANUAL, INSTRUCTION (ENGLISH)
19		WIRE (FLAT TYPE) (21 CORE)(46cm WIRE (FLAT TYPE) (17 CORE))			(DE915:PX)
20 22 57	1-773-107-11	WIRE (FLAT TYPE) (19 CORE)(17cm			3-001-329-11	MANUAL, INSTRUCTION (ENGLISH/FRENCH/DUTCH/SWEDISH)
57 58 △ 60	1-773-174-11	WIRE (FLAT TYPE) (19 CORE)(23cm WIRE (FLAT TYPE) (21 CORE)(9cm) CORD, POWER (AUS))		3-861-329-21	(VE910:AEP,UK,AED,EE) MANUAL, INSTRUCTION (GERMAN,SPANISH,ITALIAN,PORTUGUESE)
 ∆ 60 ∆ 60		CORD, POWER (US,CND) CORD, POWER (EXCEPT US,CND,AU	IC CH/		3-861-329-41	(VE910:AEP,UK,G,AED,EE) MANUAL, INSTRUCTION (ENGLISH/CHINESE) (VE910:E.SP.MY)
△ 60 △ 69	1-782-464-21	CORD, POWER (CH) ADAPTOR, CONVERSION 2P (E,PX)	10,011)		3-861-329-51	MANUAL, INSTRUCTION (ENGLISH/CHINESE) (V909)
± 70		ADAPTOR, CONVERSION 3P (UK)		******	4-983-536-01 ******	, , ,
		OUTLET, AC (AC OUTLET) (AUS) OUTLET, AC (EXCEPT US,CND,AUS,F	ox CH/			******
		**************************************	, ,			HARDWARE LIST ************
				#1		SCREW +BVTP 3X8 TYPE2 TT(B)
				#2 #3		SCREW +BVTT 3X8 (S) SCREW +BVTT 4X8 (S)

The components identified by mark △ or dotted line with mark △ are critical for safety.

Replace only with part number specified.

pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和 丕 标志来识别的零部件,在安全方面具有关键性。因此只能以规定号码的零部件来更换。

<u>MEMO</u>

REVISION HISTORY

Clicking the version allows you to jump to the revised page. Also, clicking the version at the upper right on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision	
1.0	1997.08	New	
1.1	2001.07	Change the accessories & packing materials.	(ECN-TA703277)
1.2	2003.07	Addition of Ref. No. Q504	(SPM-03053)